



MURANG'A UNIVERSITY OF TECHNOLOGY

MUT NEWS

A Publication of the Office of the Vice Chancellor

3rd Graduation Special



3rd **Graduation Ceremony**
& Launch of Strategic Plan (2019-2023)

Friday, 9th August, 2019

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**



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MESSAGE FROM THE CHANCELLOR



**Prof. Justin Irina, PhD, EBS,
Chancellor**

Today is a momentous occasion for Murang'a University of Technology as we celebrate our 3rd graduation ceremony and launch of the Strategic Plan (2019-2023). I congratulate the graduands who are set to receive various qualifications.

As I mark my 3rd year as the Chancellor of this University, I take great pride in what this young University has grown to be. Through our collective efforts, the University has grown into a formidable centre of excellence in community focused research and academic pursuits. I, therefore, want to take this opportunity to acknowledge the oversight and leadership role of the University Council Chairman, Prof. Joachim Osur, and his team who, through prudent use of resources, have steered the University to achieve substantial infrastructural and academic growth.

I also acknowledge the efforts made by the Vice Chancellor, Prof. Dickson Nyariki, the Management Board, the Senate, and the academic and administrative staff in ensuring that the vision and mission of the University are kept in focus. Further, I wish to thank the Government of Kenya for the tremendous financial support it has provided this University since its inception in 2016.

Today e-commerce and e-business continue to register impressive growth. Entrepreneurship enables the youth to be self-motivated agents of social change as they experience being their own bosses. It is my hope, therefore, that the graduands before us today are moving out with the resolve to be job creators rather than job seekers.

Murang'a University of Technology has just launched her Strategic Plan for the period 2019-2023. This is indeed a major milestone for the University. This plan shall guide the development of the University for the next five years.

I note that the plan envisages creating extensive networks of people and establishing collaborations, within and beyond our borders. This shall be achieved through Linkages, Outreach and Partnership which will support the University in her endeavour to become a Leading Institution in Technological Innovation, Training and Research.

In order to successfully implement the Strategic Plan, the University will require huge human and financial resources. I, therefore, appeal to the Government and other stakeholders to continue supporting the University financially to meet its targets as contained in the Plan.

However, I must stress our gratitude to the National Government, Murang'a County Government and other stakeholders for their support even as we intensify our efforts towards resource mobilization from other partners. We should take note that through this support the University has been able to put up some of the required infrastructures as well as meet most of her financial obligations, including remittance of statutory deductions.

I am happy to note that the University has started collaborations with stakeholders such as the Murang'a County Government in the areas of health and agriculture, which should contribute in one way or another to the pillars of the 'Big Four' Agenda. To this end, I am informed that MOUs towards the joint use of Muranga County Hospital and Mariira Farm are ready. I encourage such and more collaborations.

I once again congratulate our graduands. You have done well and deserve to celebrate because today's graduation marks the end of one journey and the beginning of another. New beginnings in life are full of immense promise. I know that some of you may opt not to pursue further studies, yet some of you may continue with studies in this University or move to other Universities. No matter what choice you make, remember the important role that you could play as a graduate and an alumnus of this University.

MESSAGE FROM THE CHAIRMAN OF THE UNIVERSITY COUNCIL



**Prof. Joachim Osur, PhD,
Chairman**

On behalf of the Council, it is with great pleasure, to welcome you all to Muranga University of Technology (MUT) for the 3rd Graduation Ceremony as well as the official launch of our Strategic Plan (2019-2023).

I take pride in congratulating the 2019 MUT graduands. It is through maintaining a high level of discipline and effort that this academic achievement has been realized. Many thanks also go to the student leadership for steering the student body in a manner devoid of chaos that is often witnessed elsewhere. We are proud of you.

I wish to appreciate the University Management Board, Senate, staff, parents, guardians, students, alumni and all our partners for their support that continues to enhance the University's competitiveness in the higher education sector. I also thank the Council Members for their commitment in guiding the Management to ensure prudence, accountability and good governance in the university.

As a Council, we are proud to mention that the Murang'a University of Technology has steadily been increasing its visibility through the world rankings. For example, the most recent webometric ranking has placed the university at position 8 overall among universities and other institutions ranked in Kenya. It may also be important to note that the university's repository was ranked 6th among the (only) 12 universities ranked in the country. Indeed, the Management deserves hearty congratulations on this tremendous achievement.

Under the current environment, it behooves the university leadership to employ strategic planning so as to maintain stability and respond constructively to the ever-increasing competition or external threats. It is this realization that has motivated us to prepare the five-year

Strategic Plan that is being launched today in order to guide developments in the university through 2019 to 2023. The Council is committed to investing in strengthening the participation and capacity of the implementers of the Plan, and putting in place stringent monitoring and evaluation mechanisms.

The Council recognizes that staff welfare, a key pillar in the University 2019-2023 Strategic Plan, is critical to sustaining a motivated workforce that can be effective and efficient in university operations. To this end, the University Council is committed to continual improvement of staff welfare by ensuring that facilities, services and benefits are steadily enhanced. The University Council is also committed to ensuring that the University staff enjoy both statutory and non-statutory staff welfare schemes such as comprehensive medical scheme, timely remittance of deductions such as pension contributions, PAYE, among others. I am pleased to note that the university is up-to-date with respect to remittance of all statutory deductions. I, therefore, congratulate the Management for this achievement, which has been attained under very straining financial conditions, and encourage them to maintain this status.

However, as we steer the university to fulfill its vision of being a leader in technological innovation, research and training, our efforts are hampered by limited resources. As part of the efforts in mitigation, the university intends to establish an Endowment Fund. In this regard, on behalf of MUT, I wish to cordially invite all the stakeholders to join us in this endeavour.

Once established, the Fund will go a long way in assisting qualified and needy students to pursue their academic studies. The fund will also support other development projects and activities of the university.

The University Council is committed to investing in high quality infrastructure to facilitate quality learning. Among the ongoing projects is a state-of-the-art science complex, expected to be completed and be operational before the end of the year 2020. In the same year we expect to complete two (2) hostels as well as make the institution asbestos-free, if the Government avails funds for the stalled projects. We would, therefore, like to thank the Government through the Ministry of Education for the funding.

As I conclude, let me once again congratulate you the graduands on your academic accomplishments. As our Alumni, I urge you to be our good ambassadors as you strive to be the best you can in the pursuit of your dreams and career aspirations.

THE UNIVERSITY COUNCIL



Prof. Joachim Osur, PhD,
Chairman



Mr. Alfred E. Ejem



Mrs. Mary Kibuka



Mr. Peter K. Kibinda



Mrs. Lucy N. Kaburia



Dr. Meshack Opwora, PhD.



Prof. Chris Macoloo, PhD.



Prof. Dickson Nyariki, PhD,
Council Secretary and Vice Chancellor

MESSAGE FROM THE VICE CHANCELLOR



**Prof. Dickson Nyariki, PhD,
Vice Chancellor**

It is my pleasure to welcome you all to the 3rd Graduation Ceremony of Murang'a University of Technology and the launching of our 2019-2023 Strategic Plan. I thank our distinguished guests for finding time out of their busy schedules to join us in this celebration. We are indeed very grateful to have you with us today.

I am delighted that the University has made significant strides in the recent past. The student numbers have grown significantly and stand at 4,200. This number is expected to rise to 5,500 by the end of this month. The number of students graduating this year is 618 up from 376 last year. Among these, 472 are graduating with bachelor's degrees, 128 with diplomas and 18 with certificates. The increased number of graduands is a reflection of the University's role in providing expanded access to university education, espoused in our national policies. Our graduands have been subjected to stringent quality assurance mechanisms to ensure they are well-prepared to play a productive role in the country. After the expiry of the duration of the previous Strategic Plan of 2013-2018, the University has reviewed its Strategic Plan (2019-2023) to align it to Vision 2030 and the "Big Four" Agenda. The Plan has also integrated the relevant requirements stipulated in the MTP III priority programmes, Sustainable Development Goals, and African Agenda 2063. Some of the changes in the reviewed Strategic Plan include recasting the Vision and Mission and making a plan that has measurable and achievable targets and is result-oriented.

The enhancement of quality in academic programmes has remained a central focus in the University. In order for this to be achieved, we have continually provided opportunities for our teaching staff to receive training in pedagogical skills and other forms of relevant training. We have also encouraged and, where possible, supported them to attend relevant conferences, workshops and seminars to sharpen their tools of trade. We have further continued to provide financial support to our Tutorial Fellows for PhD training in the university. In addition, we continue to implement a quality management system that was audited by the Kenya Bureau of Standards and found to be consistent with the 9001:2015 ISO Standard. The university, therefore, joins a limited number of institutions that have attained and are implementing the current ISO standard. Our university continues to lay emphasis on research activities. Indeed, it is a requirement that academic staff attend scientific conferences to provide a forum for disseminating their research findings. They must also publish from their research at least one or two papers per year in reputable journals that are citable by local and international peers.

This and many more efforts have contributed to enriching our repository, to the extent that it is now visible internationally, leading to a great improvement in the overall ranking of the University. Our academic staff are actively involved in writing bankable research proposals, providing numerous consultancies, supporting students in postgraduate research, hosting student attachment programmes as well as striving to keep 'ahead of the pack' in the academic arena. As an example, in addition to attracting external research grants, the staff have attracted a total of close to 80 million Kenya Shillings from the National Research Fund (NRF), one of the grants being for research infrastructure of over 46 million Shillings. As a young University, we consider this a good achievement, but keeping in mind that we can do more.

In this era of the requirement for Universities to specialize, create a niche and avoid duplication of programmes, our University lays emphasis on Science, Technology, Engineering and Mathematics (STEM), as drivers of economic transformation in the country; even though there are those who argue that we should not completely ignore the Arts, in which case then rather than focus on STEM we should instead focus on STEAM—Science, Technology, Engineering, Arts and Mathematics. However, this is something open to discourse in a different forum.

We are all aware that there is a shortage of qualified personnel, particularly in the academic cadre, and universities are competing for the few that are available. However, our university has been able to attract a good number of qualified and competent academic staff to take up the available positions in priority areas and meet the demands of both the existing and proposed academic programmes. The numbers will continue to be rationalized in line with the student-lecturer ratio guidelines provided by the Commission for University Education. Currently, we have kept a lean staff complement of around 270, out of whom about 100 are academic (that is, teaching and technical). This makes a ratio of academic: administrative staff of about 1:1.7; which we consider healthy; but intend to improve by hiring more teaching staff as we expand programmes and student numbers in our areas of focus, and when more funds become available.

The Ministry of Education had instructed universities to establish the Office of Career Services, after realizing that the students were not receiving adequate career guidance and orientation. The University has, therefore, established the Office to ensure that our students receive sufficient career guidance as they transition from life in the university to life in the outside world. To ensure this happens, the Career Services Office has developed strategies such as writing of CVs and job application letters, student-industry linkages, apprenticeships, career fairs and graduate tracker services.

I wish to express my sincere appreciation to the County Government of Murang'a, led by H.E. Governor Mwangi wa Iria, for their continued support to the University in many ways, such as collaboration on training in health sciences and agriculture, and other areas. We look forward to continued collaborations to ensure progress. I wish also to acknowledge Prof. Mwangi wa Githumo, a retired Professor of the University of Nairobi (who hails from Murang'a), for donating to us an assortment of 700 copies of his books. We greatly appreciate this gesture and invite other well-wishers to emulate this gesture. To the graduands, let me congratulate you on your achievements and wish you success in your future endeavors. I urge you, as the Alumni of this University, to promote the spirit of integrity and patriotism. I further call upon you to be good role models in all your undertakings for the sake of your alma mater. In conclusion, I wish to pay tribute to the various players who have provided unfailing support to your studies and contributed to your success; in particular your parents, guardians, benefactors or sponsors, University staff, and the Government.

THE UNIVERSITY MANAGEMENT BOARD



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



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



**Dr. Richard Juma, PhD,
Registrar Academic and
Student Affairs**



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



**Joseph Gachanja,
Ag. Registrar Administration
and Planning**



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



**CPA Richard Ng'ang'a Karigi,
Finance Officer**

DIVISION OF ACADEMIC AND STUDENT AFFAIRS



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

As we celebrate the 3rd MUT graduation, I wish to congratulate the 2019 graduands, on behalf of the Division of Academic and Student Affairs. I salute all the staff of the University for the teamwork and dedication in working towards the realization of what we are celebrating today. We are also pleased as a Division to celebrate the launching of the 2019-2023 Strategic Plan. We participated actively in its formulation and are therefore looking forward to its implementation and realization of the objectives.

As a Division, we are committed to quality in curriculum implementation. The Programmes are supported by competent and dedicated academic staff, adequate library materials, equipped laboratory/workshops and ICT resources. The programmes are usually subjected to rigorous internal and external quality assurance. A number of trainings to assure the quality of academic programmes have been carried out during the year. These include, examination processes, pedagogical skills and accessing research funding. Enrolment of postgraduate students has increased in the 2018/2019 academic year in all the schools, a reflection of mounting of quality, unique and competitive programmes. Further, our undergraduate programmes continue to be attractive due to the focus on Science and Technology.

This was observed in the KUCCPS admissions that recorded an increase from 1081 in 2018 to 1508 in 2019. In addition, the University has been allowed to mount nineteen (19) TVET programmes. This will further increase the number of students acquiring technical skills at MUT.

In the area of student welfare, I am pleased to report a continued cordial relationship between management, staff and student leadership. The University held a successful Cultural and Talent week in October 2018 where the students were able to display traditional art, foods and wear, performed dances, drama and poetry. Needy students have also benefited from Financial Aid through Work-study programme at MUT. The University has excelled in co-curricular activities such as drama, games and sports.

for instance, the Drama club made it to at the National Universities and Colleges Drama Festival and emerged the best in play on the HIV/AIDS and PSK category among other awards. In regards to Student governance, there was a seamless change of leadership in February 2019 through peaceful elections.

To further improve student welfare and prepare students as they enter the job market, the Careers office organized an exit seminar where the final year students were taken through job market environment, job search techniques, entrepreneurship and self-employment. MUT students also underwent Ajira Digital Training Programme facilitated by the Ministry of Information and Communications to enable them enroll in Business Process Outsourcing (BPO) Centres and Clubs in order to source for work locally and internationally. Another important office for the welfare of students is the Alumni Office, it has planned a number of activities including Alumni launch, tracer studies and Endowment Funds drive.

The Research Innovation and Outreach, coordinated by the Division has been involved in a number of activities including, proposal writing, researching, publication and attending conferences. The University has continuously been engaged in and around Murang'a Community through the office of the Linkages, Outreach and Partnership activities. In relation to this, the University participated in the Central Kenya Agricultural Show and received several awards including the best local manufactures goods stand (Non Consumable Products), best interpretation of the show theme (Education and/or Research) and the 3rd best University stand. Further, the Division organized various outreach activities including Training of Women and Youth on Entrepreneurship Skills and value addition in Agriculture; Collaboration between For Muranga by Muranga, Talanta Mtaani and MUT.

The University participated in Beyond Zero Marathon, Launching of Local Languages books by East Africa Publishers and officiated by Prof. Ngugi wa Thiong'o and Tree Planting in Ndaka-ini in partnership with Upper Tana Nairobi. Other activities include links to Industrial attachment, training and internships is the signing of Memoranda of Understanding by MUT with partners including Toolkit, DeKut, KPLC and KCB. Through these partnerships, our students are well prepared to fit in the job market.

In conclusion, I take this opportunity to wish our 2019 graduands success as they step out into the world of opportunities. Be our good ambassadors and stand out for the education you have received at MUT. 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.

DIVISION OF FINANCE AND DEVELOPMENT



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

I take this opportunity on behalf of the Division of Finance and Development of Murang'a University of technology (MUT) to congratulate all our graduands on this joyful occasion. We celebrate you for the hard work you have put into your studies leading to the awards in your specific areas of study.

The division of Finance and Development is mandated to manage the finances and development activities in the University in line with the University's vision, mission and strategic objectives. The main development project for this year is the construction of the Science Complex that is expected to house laboratories for various scientific disciplines and the perimeter wall. The University has also enhanced internet connectivity by increasing the bandwidth to enable students access E-resources while on and off campus. More hot spots are planned for use by students within the University.

We support our students in a holistic way through social events, sports and clubs, sensitization activities on prevention of HIV and AIDS and, alcohol and drug abuse. In addition, we have endeavored to promote national values and cohesion among our students and staff. The University has also supported students through a work study program that enables them to raise part of tuition fee by working for limited hours per week as they undertake their studies. Security of students and staff in the University is of high priority and in this regard, MUT has embraced the use of technology to enhance intelligence gathering within and outside the University. The University undertook community outreach activities in the year including but not limited to hosting

the youth talent search through Talanta Mtaani programme, training of youth in agricultural value-addition, training of women and youth on entrepreneurship, and visits to Murang'a Children's remand and the Male prison. Students and staff had an opportunity to participate in environmental conservation by planting more than 1500 at Ndakaini Dam water catchment area.

We are happy to report that the University supervised the construction of Kandara and Kamukunji Technical Training Institutes. These projects are nearly completed and the Institutes will be handed over to the mentoring institutions through the Ministry of Education by end of the year.

Today, MUT launches her Strategic Plan 2019-2023. This is the second Plan for the institution and it sets out the strategic direction the University aspires to follow for a period of 5 years. The Plan has been developed in line with national development policies and plans and in particular the government's Big Four Agenda that comprise of manufacturing, food and nutrition security, universal healthcare and affordable housing. The Plan 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. To track implementation of the programmes and activities in our strategic plan a monitoring and evaluation framework will be used.

MUT is ISO 9001:2015 certified and in June, 2019, we had a successful first surveillance audit of our Quality Management System. The University focuses on risk management and understanding of the needs and expectations of relevant interested parties. We continue to address risks and opportunities associated with the University's context and quality objectives and to manage opportunities and potential threats. In view of this, MUT has developed policies, procedures and put in place systems aimed at ensuring excellence in delivery of services to students, staff and relevant stakeholders.

On behalf of the division, I once again take this opportunity to congratulate all our graduands and wish them successful careers.

REGISTRAR, ACADEMIC AND STUDENT AFFAIRS



Dr. Richard Juma, PhD.

Today's celebration marks the third graduation ceremony since Murang'a University of Technology (MUT) was awarded a charter. I take this opportunity to congratulate the class of 2019.

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 and we are confident that now they have potential than when they began their studies four years ago.

I salute all the graduands, guardians and guests for gracing this occasion.

To our graduands, the skills, insights and values that you have acquired at Murang'a University of Technology should serve you well now and in the future. As you take your positions in nation building, protect the name of your Alma mater, MUT. My advice to you is that the new phase of life that you are about to face may be unpredictable and full of opportunities and challenges. However, you should always try to maintain a positive attitude and a healthy relationship with God and others.

As a University, we have confidence in producing transformative leaders who remain relevant in this dynamic world and game changers in the entire spectrum of society. As you weigh 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 future plans.

REGISTRAR, ADMINISTRATION AND PLANNING



Joseph Gachanja

On behalf of the Administration and Planning Division, I offer my congratulations to the graduands for successfully completing your studies. I wish you happiness in your well-earned achievements and hope that great tidings will follow you throughout your lives.

The success you are celebrating today is a confirmation of fruitful engagements with staff, other students and the

entire community of Murang'a University of Technology. Your success is well deserved and will give you a chance to spread your wings and showcase the knowledge and skills acquired in your academic pursuit.

As a Division, we have developed various policies that guide our day-to-day operations that support the University's core mandate of teaching, learning, research and community service. The services comprise of Administration, Human Resource Management, Transport, Maintenance and Central Services.

The University has developed a Strategic Plan (2019-2023) as a roadmap for the next phase of development in line with our aspiration to become a leading University in Technological innovation, research and training.

May God bless you all

FINANCE OFFICE



**CPA Richard Ng'ang'a Karigi,
Finance Officer**

I take this earliest opportunity to congratulate the 2018/2019 academic year graduands. Your graduation today signifies hard work and support by guardians/parents during the academic stay in the University. Further, this ceremony is a culmination of hard work in readiness to face the outside world with optimism and confidence. You are equal to the task. Finance Department at Murang'a University of Technology provides central financial services

essential to supporting the students, staff, as well as external stakeholders. Our primary functions include the offices of Budget and Budgetary Control, Student Finance, Creditors, Debtors, Personal Claims, Payroll and Cash. We are a cohesive team, obligated to serve our clients.

Through our vast expertise, leadership in the management of the resources of the University, and commitment to client service, we seek to gain operational excellence and compliance hence enabling the University to realise its mission and goals.

I would like to take this chance to thank the management and other stakeholders for the immense support and understanding in spite of limited resources during this period and look ahead for the same in the future. I am optimistic that with your support and the team spirit, we have established, we shall realize both individual and institutional visions.

God bless you all.

DEANS' REPRESENTATIVE



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

It is a great pleasure to congratulate 2019 graduands for completing their studies successfully. The Schools and Directorates worked tirelessly in close collaboration with the University Management to ensure that high quality education is availed to every one of our graduands. The combined efforts of all stakeholders across the University has led to the success stories that we are now witnessing in the class of 2019.

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

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY



**Prof. Geoffrey Muketha Muchiri, PhD,
Ag. Dean**

On behalf of the School of Computing and Information Technology, I would like to congratulate all our graduands on the successful completion of their studies. I am confident that you are now equipped with cutting-edge knowledge and skills in all computing areas and their applications. This in readiness to start contributing to our society. The School has developed programs at the certificate, diploma, undergraduate and our best wishes to the graduating class of 2019.

Current Research Projects by members of SCIT

1. Real-Time Surveillance of Crop Pests and Diseases Using Deep Learning Techniques

This is a mini-project funded by the Kenya Education Network (Kenet) in the 2018/2019 Financial Year. The project is a collaboration between Murang'a University of Technology and Meru University of Science and Technology and involves training on high performance computers using deep neural networks to monitor crop pests and diseases in Kenya. In this arrangement, Murang'a and Meru farmers will be provided with a mobile application to enable them to interact with the servers in real-time.

2. Competence Network for E-Inclusion and Assistive Technologies (CNEAT)

This is a 3-year project funded by the National Research Fund (NRF), Kenya, that commenced during 2016/2017 Financial Year. The project is a collaboration between Meru University of Science and Technology, Murang'a University of Technology and Kenya Methodist University. It involves computer-based assistive technologies (ATs) such as eye and head tracking devices that are used to help children with non-functional arms to use computers.

Using ATs, a child may for instance play computer games by looking intently at icons to open them, and by moving the tongue to scroll the cursor. We are collaborating with three Schools for the Physically Handicapped in Meru and Isiolo Counties. Each of the three schools will provide a lab which we will thereafter equip with several ATs-enabled computers. We postgraduate levels. We are fortunate to have engaged competent academic and technical staff.

Members of academic staff together with the postgraduate students are involved in cutting-edge research in areas such as networking, mobile computing, software metrics, software quality engineering, programming languages, computer security, databases, information retrieval, machine learning, pattern recognition, image processing, and human computer interaction. We are very proud of our graduands who have shown a lot of dedication and passion for their studies during the last four academic years. We join the entire MUT community in conveying have recruited six computing students from each of the collaborating universities and have organized a training of trainers for them in September 2019.

The trained students will then help us to train special education teachers working in our partner schools. The students will be expected to grow with the project for the entire period of three years, which is an added advantage to them.

3. Participatory Sensing in Kenya: Preconditions for Successful Implementation

This three-year project involves users of GPS-enabled mobile devices collecting useful data of real-time happenings and then uploading the same to be used by other consumers. It is funded by the National Research Fund (NRF), Kenya commencing 2016/2017 Financial Year



Mariga, CoD IT, holding a career talk with young scholars from China

SCHOOL OF BUSINESS & 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 congratulations to the 2019 graduating class.

I believe the market responsive training you have received, through our programmes and courses will make you champions in a variety of career options. I believe the knowledge, insight and expertise you got exposed to from our experienced academic staff will help you realize your professional dreams.

The School has dynamic programmes that meet the changing requirements of industry and the business world. I am confident that our graduating class and indeed all our students will enjoy international recognition.

To our granduands , as you join the job market, I urge you to ethically exercise due diligence and the sky shall be your limit.

Congratulations on your graduation

SCHOOL OF ENGINEERING AND TECHNOLOGY



**Dr. Eng. Kabini Karanja PhD, PE, MIEK,
Ag. Dean**

On behalf of the School of Engineering and Technology, I extend sincere congratulations to the school's graduating class. You have been exceptional representatives of the School and University. I have no doubt that you will continue to serve as worthy ambassadors for the school by building upon our reputation for excellence.

The School of Engineering and Technology, SET, was started as one of the pioneer schools of Murang'a University of Technology. The School is working towards being recognized internationally as a center of excellence in Engineering and Technology and strives to build engineering capacity for national development and wealth creation.

To achieve this, the school hopes to train highly skilled workforce in Engineering, Technology, Research, Consultancy and Extension services. This will be key in realisation of the Big 4 Agenda: Expansion of manufacturing sector, provision of affordable housing, affordable healthcare and ensuring food security.

Finally, I encourage you to not only give back to the University by supporting her activities and programmes but also by keeping us updated on the many achievements you will experience in your careers and personal lives. We will always take great pride in your achievements.

SCHOOL OF EDUCATION



**Dr. Peace Agufana, PhD,
Ag. Dean**

The School of Education opened its doors to its first students in the year 2017. Our goal is to continue enhancing existing programs and building new programs, increasing our focus and integration of global and international competencies and experiences, deepening our community engagement, and intensifying our research and scholarship. Programmatically, we aim to enhance access to and responsiveness of our existing, quality certification, endorsement, masters and doctoral offerings.

Graduands, as you go forth as members of Murang'a University of Technology 3rd graduating class, be proud of your individual and collective accomplishments. When you leave here today, you will represent the university alumni who will make a difference and truly impact our region in critical ways. Know that your faculty and staff are very proud of you.

Congratulations to each and every one of you

SCHOOL OF PURE AND APPLIED SCIENCES



**Dr. Sylvia Opiyo, PhD,
Ag. Dean**

On behalf of the School of Pure and Applied Sciences, students and staff, I take this opportunity to congratulate all Murang'a University graduands of 2019 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 in your area of specialization.

The School wishes you the best of luck in your future undertakings the School of Pure and Applied Sciences offers competitive programs which train highly qualified graduates in the areas of Actuarial Sciences, Mathematics, Physical and Biological Sciences at Certificate, Diploma, Undergraduate and Postgraduate levels.

In line with the university's vision, mission and strategic objectives, the School of Pure and Applied Sciences strives to train and develop competencies most needed for those who work in industries, financial, health, learning and research institutions as well as information technology in Kenya and abroad.

PICTORIAL



Registration of new students at the Assembly Hall



MUT Members of staff and students after going through Ajira Digital Training Programme



MUT holds Sustainable Travel and Tourism Agenda Event



VC - Prof. Nyariki joins traditional dancers during the Cultural week at the University



Prof. Ngugi Wa Thiongo, Ag. Registrar Gachanja DVC ASA - Prof. Tuitoek and DVC F&D - Prof. Mugendi during the launch of his book *Kenda Muiyuru* at MUT.

PICTORIAL



MUT Choir entertains guest during the 2nd graduation Ceremony



Prof. Nyariki is officially installed as the Vice Chancellor Muranga University of Technology



Dr. Charles Rubia proudly displays his certificate Looking on from right: Dr. S.K. Macharia- RMS Chairman, Rt Hon. Raila Odinga, Prof. Colleta Suda - CAS & PS University Education, Prof. Justin Irina - Chancellor MUT. Prof. Joachim Osur - Chairman MUT University Council, H.E Mwangi wa Iria - Governor Muranga County and Mp for kandara Hon. Alice Wahome.



Prof. Justin Irina - Chancellor MUT and VC - Prof. Nyariki display ISO 9001:2015 certificate



H.E Mwangi wa Iria addressing the granduands during the 2nd Graduation

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT



**Dr. Joseph Njorge, PhD,
Ag. Dean**

Welcome to the School of Hospitality and Tourism Management (SHTM). It is one of the oldest academic units having been established as the Department of Institutional Management. Our objective is to prepare intellectually developed experts and an occupational work force that will answer the long term needs of the world's tourism and hospitality sector and all its sub sectors including Travel, Recreation and Events Management.

Our approach to teaching is to inspire and empower. We want our students to develop their professional skills in a tourism and hospitality context, and to have the confidence to tackle future global challenges. We foster an intellectually challenging but nurturing

educational environment, encouraging our students to develop not only professionally but also personally. SHTM programmes prepare students to assume positions in hospitality, food processing, travel, recreation, events operations and sports establishments. The school offers a wide range of programmes at the certificate, diploma, undergraduate and postgraduate levels.

The programmes are industry-relevant and seek to equip students with right skills, knowledge and attitudes needed to chart a career based on excellence.

The undergraduate programmes prepare graduates to join the industry as at operational level as Tour and Travel guides, Event Planners, Chefs, Hotel and Restaurant Managers, Executive Housekeepers, Laundry Operators, Tourism Advisors, Marketers, Guest relations officers, Receptionists, Food technologists, Nutrition Consultants and Strategist. The postgraduate programmes are designed to prepare graduates who wish to take up research and scholarship in the field of Hospitality and Tourism management.

Finally, congratulations to all graduands, we wish you all the best in the further advancement of your career.

Félicitations pour l'obtention du diplôme!



Hospitality students' food production practical training

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 envisaged that a competency-based curriculum will anchor Kenya's transformative drive towards meeting the social, economic and political demands. Given effort by the government to mainstream TVET at all levels of Education in Kenya, Murang'a University of Technology is positioning itself to provide a highly skilled workforce through Competence Based Training for industrialization.



**TVET Director, Prof. Maina with other
MUT members during CBC Training**

In doing so, we hope to contribute to one of the vision 2030 flagship project geared towards training more than 1 million artisans for Kenyan Market. The University has established the Directorate of Technical and Vocational Education and Training (TVET).

The directorate will team up with academic Departments in various schools of the University and stakeholders to coordinate the development of dynamic curriculum responsive to the manpower needs of the economy. In addition, the directorate will also review the existing Certificate and Diploma programmes to attain the TVETA standards for accreditation.

The curricula will cut across but not be limited to the following: a) Agriculture, b) Business and Commerce, c) Engineering and Technology, d) Health and Paramedical, e) Home Science, and f) Humanities Science and Education

The TVET board identified 19 programmes formatted in the CBC format for launching in September 2019. The Directorate has organized and successfully run a Competency Based Training assessment and implementation to 56 members of staff. MUT now awaits accreditation by TVETA so as to receive and run CBC programmes in September 2019.



TVET Spearheading an MoU with Toolskid Ltd

DIRECTORATE OF LINKAGES, OUTREACH & PARTNERSHIPS



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

The Directorate of Linkages, Outreach and Partnerships wishes to congratulate you during this joyous occasion on the attainment of your degree.

We pray that you will uphold the vision and mission of the university. It is our hope that the values you have learnt will go along way in helping you to excel and shine in life as a unique graduate who is professionally trained and well able to serve the nation of Kenya and the world at large.

Therefore, we commend you to God and to his keeping because he is faithful in keeping his promises.

We wish to thank the University Council, Senate, Management, staff, students, and our partners: Murang'a County Government, Upper Tana Nairobi Water Fund and Ndakaini Dam management, Equity Bank, Heads of Community Based organizations in Murang'a among others for the support and participation we have enjoyed as we seek to attain our objectives.

As a directorate, we focus on being the nexus of the University in terms of Linkages, Outreach and Partnerships, in line with the University's mandate locally and internationally. To this end, together with your support, we have this financial year;

- Carried out an environmental conservation activity by planting trees in Ndakaini dam
- Trained two groups of women and two groups of youth in entrepreneurship skills.
- Trained one group of women and one group of youth in value addition to agricultural products.
- Initiated several MoUs with Murang'a County Government, DeKUT, KPLC and TU-K amongst others.

We sincerely honour you for your invaluable contribution to the Directorate in building up Murang'a University of Technology and look forward to more collaboration in future. We also invite other universities, business partners, research institutions and well wishers to partner with us.



Community members follow keenly during an entrepreneurship training session organized by LOP

DIRECTORATE OF RESEARCH, INNOVATION AND CONSULTANCY



**Dr. Ptonon Brian, PhD,
Ag. Director**

In this 3rd Graduation Ceremony, the Directorate of Research, Innovation and Consultancy (RIC) joins the MUT family in congratulating the graduating class of 2019.

After rigorous and successful training in your various fields, we as MUT family are confident that we have equipped you with necessary knowledge and skills to be successful and excel in your next assignments, careers and/or jobs that will greatly help build our nation. I urge you to be good ambassadors of Murang'a University of Technology.

In the financial year 2018/2019, the Directorate of Research, Innovation and Consultancy was able to develop a comprehensive development roadmap and strategic plan for the 2018-2023.

The strategic plan gives the short, medium and long-term objectives for the Directorate that include the establishment of an Innovation and Incubation Hub that will be used for development of prototypes, scaling up and commercialization of innovations and inventions within the University community and the Murang'a Society.

The University is already having modern research funding, equipment and facilities such as 3D printers, 3D scanning machines, research laboratories among others. To facilitate and improve research and innovation culture in the University, the Directorate has put in place the following measures;

- Intellectual Property Policy to help protect innovator and inventors
- Research and Innovation Policy to guide the research activities
- Vice Chancellor's Research and Innovation Funding
- Currently, the Directorate is developing a Consultancy Policy that would help guide consultancy services carried out by MUT Staff.

With these measures, the university has seen an increase in successful proposals being funded. Among them include an assessment of stakeholder perception on challenges for the conservation and management of Murang'a County Wetlands. The research is carried out by Murang'a University of Technology (MUT) in collaboration with Jomo Kenyatta University of Technology (JKUAT) and the University of Nairobi (UON). The Kshs 18 million research project is geared towards the conservation and restoration of Murang'a County Wetlands and is funded by the National Research Fund (NRF)

The research team led by Dr. Benson M. Mwangi – a senior lecturer at MUT - has brought together key stakeholders including National Government Executives, Members of County Assembly, NEMA, Meteorology Department, Water Resource Users Association officials and non-governmental organizations dealing with water conservation issues.

As the Director, Research, Innovation and Consultancy I welcome you to the Directorate of RIC and once again pass my congratulatory message to all graduating students.

DIRECTORATE OF QUALITY ASSURANCE & PERFORMANCE MANAGEMENT



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

The Directorate for Quality Assurance and Performance Management plays a central role in initiating and implementing strategies that enables Murang'a University of Technology achieve its commitment to offer quality education.

It is mandated to periodically carry out internal quality assessments and monitoring of processes in order to continuously improve the quality of education offered in the university. The Directorate's work is engrained in a Council approved Academic Quality Assurance Policy. During the last 3 years that Directorate has been in

existence, it has continuously monitored the teaching and examination processes at undergraduate level through monitoring of: Lecture take every semester; Status of the lecture delivery through meetings with class representatives; student – lecturer evaluation at the end of every semester; and Monitoring of examination processing and administration during every semester.

Additionally, the Directorate organizes trainings for empowering academic staff members with requisite pedagogical skills and knowledge for the improvement of lecture delivery. During this year 2019, for example, all academic staff, including part-time lecturers, were trained on effective exam setting.

During the training, the lecturers were able to identify weaknesses in the exams they had set the previous semester what they needed to do to improve the quality of the exams in future. We hope to hold more training in future, with a focus on modern methods of teaching.

Further, a new lecture audit form will be introduced in September 2019 to help in further monitoring of teaching at undergraduate and postgraduate levels. All these strategies are aimed at making Murang'a University of Technology a University of excellence in Technological Innovation. The Directorate would like to congratulate the Class 2019 on their graduation day.

DIRECTORATE OF POST GRADUATE STUDIES



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

Directorate of Postgraduate studies is under the Academic Division of Murang'a University of Technology. The Directorate receives and processes both applications for admission into postgraduate programs and research proposals and theses. The Directorate has put mechanisms in place to ensure that our postgraduate students are equipped with adequate knowledge and skills necessary in a changing and competitive world.

Besides, programs are reviewed from time to time to ensure that they are responsive and relevant to the changing socio-economic needs, both nationally and internationally.

On behalf of the Directorate, I am indeed pleased to congratulate you, the graduating class of 2019 on this momentous day and also share in your excitement. Graduation is an exciting moment. I am convinced that you have worked hard to achieve your goals and now you are on your way to seek new vistas, new dreams and embark on who you are, embrace life with passion and keep reaching your stars. You can achieve whatever you want in life. All you have to do is believe that you can. Those who do not compromise with their hard work are always blessed in life.

Once more congratulations on your graduation and best wishes for your next steps in life. If you would like to further your studies through postgraduate programs, do not hesitate to contact us at the Directorate of Postgraduate studies.

DIRECTORATE OF CATERING AND ACCOMMODATION SERVICES



**Dr. Janet Mbogani, PhD,
Ag. Director**

The Directorate of Catering and Accommodation Services falls under the division of Finance and Development. It is composed of two departments: housekeeping and catering.

The housekeeping department is responsible for the cleanliness and accommodation issues in the University.

Our students are accommodated in the University and off campus under the watch of the directorate. Both government sponsored and self-sponsored first year students at all levels, are accommodated in the

university hostels on a first come first served basis upon clearance of tuition and accommodation fees. Currently, the University has six hostels that can accommodate six hundred students. It also partners with hostel providers to provide off campus accommodation that has been inspected and recommended by the off campus committee after meeting specific criteria that touch on health, security, space, lighting, power backup and availability of water. The department also supervises the cleaning services. This involves mowing of the compound, keeping of gardens and flower beds, actual cleaning of rooms and the general University cleanliness.

The catering department is responsible for preparation of meals for both students and staff. The Directorate runs a modern staff cafeteria with quality catering services to our staff and other guests. Further, CAS provides services to public organizations at a fee.

At the Directorate of Catering and Accommodation, we believe that the students are our number one customers. We are ready to respond to our customer needs.

The directorate congratulates to our 2019 Graduands



Muranga University of Technology Catering Facility

DIRECTORATE OF INFORMATION AND COMMUNICATION TECHNOLOGY



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

I wish to extend congratulations from the staff of the ICT Directorate. You have reached a milestone in your life, and we are proud to count you among the growing number of graduates who call Murang'a University of Technology their alma mater. You and your family have a right to be proud.

We expect you to be the beacons that the world needs today. Thank you for choosing our university to underpin your life's journey. Our best wishes are with you today and into the future.

The ICT Directorate is responsible for the development and deployment of ICT services and infrastructure which supports the University's teaching, learning, research and administrative activities. Currently the ICT Directorate is providing the following services:

1) Networks and ICT Security; 2) Internet services; 3) Academic, Student and Administrative Record Management; 4) Website services and support; 5) Technical and repairs services; 6) Help desk services

The following are our notable achievements during this year. In response to greater faculty and student demand for faster internet speeds, the University expanded its bandwidth capacity to 160Mb/s.

The upgrade has boosted bandwidth capacity and provided greater access to web resources. This increase provide faster and more reliable connectivity for academic and administrative needs while also adding support for high-definition media streaming and increased simultaneous connections. The success of that implementation has led to increased demand for access, particularly during evening hours by the students.

The University website continues to be very important and strategic in communication. The Web development unit has continuously developed and maintained the website by ensuring that staff and students have access to the information they require at all times via their desktop computers, web browsers and mobile devices.

Through the university website, the ranking of the university in major international and local rankings has been improving progressively. Our campus network has undergone expansion mainly due to the growth in student and staff population, and physical infrastructure.

Students today are almost exclusively dependent on Wi-Fi. They rarely use Ethernet and they expect the Wi-Fi to work as well as it does in their homes.

The University has demonstrated commitment to expand Wi-Fi technology for their academic and personal lives. With mobile device numbers continuing to rise, supporting a reliable, high-performance campus Wi-Fi experience is becoming a challenge for ICT managers to accomplish.

As a Directorate, we are making sure Wi-Fi is been optimized for mobile devices and designed for capacity as well as coverage.

In addition, we are utilizing wireless network management software that provides real-time visibility and analytics into what is happening on our WLAN to maintain optimal performance and security.

DIRECTORATE OF PERFORMANCE CONTRACT AND ISO



**Mr. James Miano Njogu,
Ag. Director,**

The Directorate of Performance Contract and ISO is tasked with the responsibility of coordinating the implementation of Quality Management System as per ISO Standard as well as negotiated and vetted targets in the Performance Contract. This is with the intended outcome of customer satisfaction for both internal (students) and external customers that is achieved through efficient service delivery and enhancement of conducive environment.

Towards the implementation of Quality Management System, the university was ISO 9001:2015 certified on 7th August 2018 hence joining the league of a few institutions who had transited to the new standard. Our first Surveillance Audit was conducted by Kenya Bureau of Standards on 19th -20th June 2019. The audit conclusion/overall opinion of the audit team was:

- ▶ The implemented Quality Management System conforms to the requirements of ISO 9001:2015 standard.
- ▶ There was evidence to demonstrate continual improvement of the system as whole.
- ▶ The system is able to meet the applicable statutory, regulatory & contractual requirements.

In performance contract, 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 every measure 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 which are aligned to the national Vision 2030.

On behalf of the Directorate of Performance Contract and ISO, I take this opportunity to congratulate all those graduating on this occasion. May the favor of the almighty guide every step you make in the actualization of your other aspirations



Murang'a University of Technology Top Management, Council Members, Performance Contract Co ordination Team and Ministry Vetting Office, after a successful vetting of PC, FY 2018 / 2019 at Kenya School of Government, Embu Campus

DIRECTORATE OF ENTERPRISE SERVICES



**Mr. Geoffrey Musoga,
Ag. Director**

Murang'a University of Technology Enterprise Services (MUTES) congratulates the entire class of 2019 graduands and wishes them best in their future endeavors. May you walk the career path with God's protection.

Murang'a University of Technology Enterprise Services (MUTES) is an essential undertaking by the university that is mandated to generate additional funds for the University. This is through the provision of quality products and services.

MUTES has three workshops (Metal, Wood & Textile), a gift shop, catering and conference facilities. There are strategies to roll out more revenue streams to boost income.

MUTES uses high quality equipment and facilities in which a product is developed with modern design and technology with great innovative skills from employees which is then laid down for development and final model role out.

There is great attention accorded to core values of professionalism and ethics, quality and standards and innovation and uniqueness in MUTES when providing novel concepts.

UNIVERSITY LIBRARY



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

Muranga university library wishes to congratulate the 2019 graduands. The library is central to realisation of the University's vision of being a university of excellence in technological innovation, and mission of advancing knowledge and technological transfer through teaching, training, research, and innovation. Consequently, the library acquires and disseminates relevant information resources. Furthermore, the library provides an array of information services and

training for long life learning. As a place, the library offers a conducive environment for study and research. Universities are synonymous with research, and access to relevant, up-to-date information is paramount.

The library, therefore, offers access to 30 subscribed e-resource databases that cover diverse subject areas and publish current research in varied fields. In addition, the library brings to its users free online in and off-campus access of 79,000 peer reviewed international journals, books, and databases in health, agriculture, environment, development, and innovation. To maximally explore and use the databases by the users the library conducts individual and group e-resource access training. Visibility of universities in the digital pervasive world is essential to the university's growth and expansion.

To prop the university on the visibility the institutional repository archives and provides free access to research output by faculty members. The library, therefore, provides an array of information services and training for life long learning.

INDUSTRIAL ATTACHMENT



Mr. Vincent O. Atambo,
Coordinator

To all of you graduating here today, I take the opportunity to offer my sincere congratulations and wish you every happiness in your well-earned achievement.

In addition to being here to witness your happiness in graduation, I am also happy to report that some of you were able to secure jobs in firms where you undertook your industrial attachment. Industrial attachment is an industry-based practical

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

It also serves as a linkage between the University and various partners who consume services and/or products of the University. Additionally, it provides an opportunity for students and academic staff to interact with stakeholders and potential employers and thus appreciates field situations that may generate information for curricula review and improvement.

Our students proceed to industrial attachment once they complete 75% of their course work. Whenever they proceed to industrial attachment, the University provides each of them an insurance cover during the attachment period.

Students on industrial attachment download and keep log books where they record relevant daily activities as well as new knowledge learnt during the attachment period. All university policies and procedures apply throughout the duration of industrial attachment.

EMPLOYEE OF THE YEAR 2018



Irene Tibin

Let me convey my congratulations to the 2019 graduating class for their tireless efforts, hard work and dedication over the last four years. Indeed, it has been a journey with its own unique challenges and sacrifices but finally it is time to celebrate your achievements. I am grateful to Murang'a University of Technology Management for providing an enabling learning and working environment for both students

and members of staff respectively. This has led to smooth operations within the University.

Murang'a University of Technology has proven beyond reasonable doubts that it is a world Class University. As a way of motivating employees, the University Management has laid down structures to identify and reward exemplary employee performance.

It is through utilisation of this goodwill and the general support of MUT fraternity that found it worthy for me to receive this esteemed award without biasness. I do agree that every other employee would have been worthy of this recognition.

Finally, my challenge to the Graduands and the entire MUT fraternity is that once given an opportunity, dedicate yourself with total commitment and you will find the happiness that is beyond imagination. In this way, we will be able to take our University to the greatest height.

Thank you and may God bless you.

OFFICE OF THE DEAN OF STUDENTS



**Mr. Jacob Asige,
Ag. Dean**

The office of the Dean of Students and its staff would like to congratulate the Class of 2019 on their graduation day

The Dean of students and Students' Welfare office (DoS/SW)'s objective is to ensure students wellbeing outside the lecture halls and to some extent happiness in class. The main sections of the DoS/SW are Students Governance, Clubs & Societies, Games & Sports as well as Guidance and Counselling. Apart from these sections, the DoS/SW office plays a big role in new students' orientation, assists students in accessing financial support through Work Study programmes, and enhances discipline and order through students' disciplinary processes.

The Murang'a University of Technology Students Organization (MUTSO) is the main organ for students' governance. It has seven (7) elected officials (council) who represent students in all the decision making bodies of MUT and also advocate & lobby for students rights and welfare. The 2019 MUTSO elections that were successfully held on 15th February 2019. The MUTSO leaders organized among other activities: male and female talk on 17th November 2018 for both staff and students, Citizen Kubamba, and Google Digital Skills training all that were very successful.

Currently, there are over 20 clubs/societies. These clubs/societies represent MUT in competitions and participate in community outreach activities, for example, the drama club went for show casing at standard media group (KTN), charity work and orientation of new students. Our drama club won 3 awards in the National music festival competitions that were held at Kibabii University. Students' Financial aid to MUT students is mainly via the on-campus work-study program (WS). The WS program allocates needy students to work in MUT offices and the pay goes towards fee payment.

in the recent times as compared to the previous years. To Compliment the WS program, MUTSO council awarded bursaries from their kitty to needy students. orientation of new students. Our drama club won 3 awards in the National music festival competitions that were held at Kibabii University.

Students' Financial aid to MUT students is mainly via the on-campus work-study program (WS). The WS program allocates needy students to work in MUT offices and the pay goes towards fee payment. The number of applicants for WS has really increased in the recent times as compared to the previous years. To Compliment the WS program, MUTSO council awarded bursaries from their kitty to needy students. Games and Sports ensure recreation and physical fitness, right attitudes to competition, team work, leadership and stress management for students. MUT Karate team are the National champions and were awarded a trophy, the women rugby went for Kenya women rugby championship and emerged 2nd overall.

The Guidance and Counselling (GC) is geared towards ensuring our students and members of staff are psychologically healthy through a variety of services and psycho-educative programmes. The GC is aimed at helping its clients to: Resolve issues and cope with situations, attain self-empowerment, reach full potential, acquire self-knowledge and acceptance amongst others. GC has expanded its reach as seen in the increase in the numbers of students attending counselling, Training as peer counsellors/educators, and Students participating in psycho-educative forums (e.g. worlds Aids day and international condom day).

Some of the other activities that were organized DoS office include: 1) A visit to Murang'a prison (female section), 2) Participation in Murang'a County and Beyond Zero Marathon that was attended by both staff and the students, 3) Students' Organization Council elections, 4) MUTSO leaders induction



MUTSO Officials swearing in ceremony.

MESSAGE FROM THE ALUMNUS TEAM



**Christine Syombua,
Alumna**

I wish to join the council, management, staff, parents/guardians, students, friends and relatives in congratulating the class of 2019.

This special day marks the completion of a journey that started a few years ago and marks the last of the 8-4-4 years of schooling. When I joined MUT a few years ago, my mind and soul were full of hope and expectations.

I felt like I had acquired another family away from home. The staff and the students are so supportive and make it worthwhile to study in MUT. I believe you all agree with me when I say MUT fraternity is a life changing University.

Today I am proud to be part of this family and as an alumna of this institution, I am happy I chose this path. In MUT, I have acquired life advice and professional wisdom which has given me the confidence to unapologetically achieve great things in life.

On behalf of the alumni team, I would like to thank MUT for giving the students unwavering support.

MESSAGE FROM THE STUDENTS GOVERNING COUNCIL



**Mr. Franklin Nyaga,
Chairperson MUTSO**

"For whatsoever a man soweth, that shall he reap."
To our Graduands, the past few years, you have been in the institution sowing and now it has come to a point in time where you reap the fruits of your labor.

Let me take this opportunity to congratulate you for your great achievement in your various fields of specialization. I believe you have gained enough knowledge that will not only improve your lives but also enable you to propel this nation forward to the next level. As you go to the corporate world

remember that the only thing you should fear is fear itself. Never fear to try anything for failure is a step closer to success. Grab the right opportunities and make the best out of it in your various fields.

Remember to always put the Almighty God at the center of everything you do and you shall have a successful life. Finally, from the entire M.U.T.S.O fraternity, we chant "Bravo!!" for your great achievements.

God bless you, God bless MUT



The new MUTSO Council Officials

ACADEMIC PROGRAMMES

SCHOOL OF BUSINESS AND ECONOMICS

Department of Commerce

- Doctor of Philosophy in Agricultural Economics
- Master of Science in Agricultural Economics
- Bachelor of Commerce
- Bachelor of Procurement and Supply Chain Management
- Bachelor of Arts in Economics
- Bachelor of Arts in Public Administration
- Bachelor of Science in Agribusiness Management and Enterprise Development
- Diploma in Business Management
- Certificate Procurement and Supply Chain Management
- Certificate in Business Management

Department of Liberal Studies

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

Department of Human Resource Management

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

SCHOOL OF ENGINEERING & TECHNOLOGY

Department of Electrical and Electronic Engineering

- Master of Technology in Electrical and Electronic Engineering

- Bachelor of Science in Electrical and Electronic Engineering
- Bachelor of Technology in Mechanical Engineering
- Bachelor of Technology in Electrical and Electronic Engineering
- Diploma in Electrical Power systems Engineering
- Diploma in Control and Instrumentation Engineering
- Diploma in Electronic Communication Engineering
- Diploma in Automotive Engineering
- Diploma in Production Engineering

Department of Building and Civil Engineering

- Bachelor of Technology in Civil Engineering
- Diploma in Water Engineering
- Diploma in Civil Engineering
- Certificate in Building construction
- Diploma in Refrigeration & Air Conditioning Engineering
- Diploma in Plant Engineering
- Certificate in Electrical and Electronic Engineering
- Certificate in Mechanical Engineering

SCHOOL OF HOSPITALITY AND 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

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
 - Certificate in Hospitality Management
- Mut News

ACADEMIC PROGRAMMES

ACADEMIC PROGRAMMES

SCHOOL OF EDUCATION

- Doctor of Philosophy (PhD) in Technology Education (Mechanical, Electrical & Electronics, and Building & Construction)
- Doctor of Philosophy (PhD) in Educational Communication & Technology
- Doctor of Philosophy (PhD) in Early Childhood Development Education
- Master of Technology Education, (Mechanical, Electrical & Electronics, and Building & Construction)
- Master in Education (Administration, Planning and Economics)
- Master in Education (Educational Communication Technology)
- Master of Education (Guidance and Counseling)
- Master in Early Childhood Development Education
- Master of Philosophy (Education Psychology)
- Bachelor of Technology Education (Civil Engineering, Mechanical Engineering and Electrical Engineering)
- Bachelor of Education (Science)
- Bachelor of Education (Arts)
- Bachelor in Early Childhood Development Education

SCHOOL OF PURE AND APPLIED SCIENCES

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

Department of Physical and Biological Sciences

- PhD in Chemistry
- Master of Science in Chemistry
- Bachelor of Science in Analytical Chemistry
- Bachelor of Science in Industrial Chemistry
- Bachelor of Science (General)
- Bachelor of Science in Community Health
- Bachelor of Science in Medical Laboratory Science

- Bachelor of Science in Environmental Health
- Diploma in Applied Biology
- Diploma in Science Laboratory Technology
- Diploma in Analytical Chemistry

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

APPLICATION

Application forms can be obtained from the Registrar (ASA) upon payment of a non-refundable fee of K.shs. 500 for Certificate courses; K.shs. 1,000 for diploma courses; K.shs. 1,500 for undergraduate and K.shs. 2,000 for postgraduate programmes.

For more details on course requirements and application forms, kindly visit our website on www.mut.ac.ke.

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FEES PAYMENT BANK DETAILS
MODE OF STUDY :

Full-time and Part-time (Evening and Weekend)



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