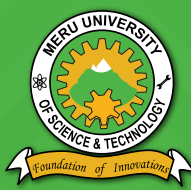


| 2023



MERU UNIVERSITY
OF SCIENCE & TECHNOLOGY

SOUVENIR

Magazine

THEME

Beyond the Horizon:
Harnessing Technology and Innovations for Infinite Possibilities



at the Main Campus Graduation Gardens



Friday, 27th October, 2023 from 8.00 a.m.



YouTube Facebook Meru University

www.must.ac.ke

OUR PROFILE

Vision

A World Class University of Excellence in Science and Technology

Mission

To provide Quality University Education, Training and Research in Science, Technology and Innovation

Core Values

- Professionalism
- Competitiveness
- Innovation
- Integrity
- Quality

Quality Policy

Meru University of Science and Technology (MUST) is committed to providing high Quality University Education through Training, Research, Nurturing Innovation, and Consultancy to its clients and shall work towards exceeding their expectations.

The University is committed to continual improvement and shall comply with all applicable requirements of Quality Management System based on ISO 9001:2015.

The University Council shall review this policy and establish quality objectives to ensure continuing suitability.

EDITORIAL TEAM

Ms. Sarah Gatwiri
Ms. Ruth Gibendi
Mr. Francis Njiru
Mr. Paul Mutethia

The idea of establishing a University dates back many years to the early 1960s when the Njuri Ncheke (Council of elders of the Meru people) conceived an idea of establishing an institution of higher education in Meru. It was in the mid-1960s soon after Kenya's Independence that the elders initiated the process of establishing the institution. The idea was first floated to the government at a time when it was interested in training the youth of the nation in order to equip them with skills in various technical fields to enable them work in the upcoming industries and other sectors that required qualified manpower and also to meet local and national economic developmental needs. Meru College of Technology (MECOTECH) was, therefore, one of several institutions suggested by the Government.

In 2008, the Government of Kenya converted Meru College of Technology (MECOTECH) into a University and named it Meru University College of Science and Technology (MUCST). It was established through Legal Notice No. 103 of 18th July 2008 as a constituent college of Jomo Kenyatta University of Agriculture and Technology (JKUAT).

On 1st March 2013, Meru University of Science and Technology (MUST) was established as a full-fledged University following the Award of Charter. MUST Main Campus is situated 15km from Meru town off the Meru-Maua road. The University has also opened a campus in Meru Town at the Hart Towers and a learning centre at Marimba.

Since its inception, Meru University of Science and Technology has continued to play a leading role in the development and expansion of opportunities for higher education and research. This indeed is the culmination of a process that has seen the University achieve tremendous growth in curriculum development, staff capacity development, student enrolment, infrastructure development as well as research and collaborations.

In pursuit of our mission to provide Quality University education, training and research in Science, Technology and Innovation, the University has successfully implemented the Quality Management System and was the first University in Kenya to be awarded the ISO 9001:2015 certification.

Meru University of Science and Technology (MUST) is strategically positioned to train and transfer technological skills to play a leading role in providing manpower to contribute towards the emerging demands in various industries.

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Message from **The Cabinet Secretary** **Ministry of Education**

I am delighted to join Meru University of Science and Technology in celebrating the 11th Graduation Ceremony. The Government of Kenya through the Ministry of Education has invested in the advancement of Higher Learning in our Great Nation. The Ministry has implemented national policies and programmes aimed at supporting the quality, access, equity and relevance of education.

I appreciate the University Council, Management and Staff for the commitment to serve the people of this country and the world by providing quality education. I encourage you to persistently forge connections with the industry and to engage in community-driven initiatives. It is through these endeavors that we shall continue to unlock boundless potential and pave the way for a future brimming with limitless opportunities.

The theme of this graduation, **“Beyond the Horizon: Harnessing Technology and Innovations for Infinite Possibilities,”** depicts Meru University of Science and Technology’s (MUST) quest for success through teaching and research excellence. Today’s world is fast moving and if we are to overcome any challenges, we need to embrace technology. MUST has played a pivotal role in fostering a dynamic learning environment where students are empowered to explore, innovate, and dream beyond the horizon.

MUST has consistently led the charge in innovation, equipping students with the prowess to navigate the challenges presented by the ever-evolving landscape of technology. The graduates we commemorate today have honed their skills and adeptly embraced emerging scientific and technological advancements, enabling them to serve our nation with unparalleled effectiveness.

The culmination of this graduation is a testament to the tireless efforts of the faculty, the unwavering support of families, and the unyielding determination of our students. You have traversed a demanding yet profoundly rewarding path towards innovation and progress.

To the Class of 2023, “Beyond the Horizon” should not merely be a phrase, but a guiding principle. Embrace the boundless potential that lies ahead. Harness technologies, adopt an interdisciplinary approach, and venture into uncharted territories in your pursuit of knowledge. I extend my heartfelt wishes for a future marked by innovation, resilience, and an unwavering commitment to shaping a realm of boundless possibilities.

Congratulations



Hon. Ezekiel O. Machogu, CBS

”

MUST has consistently led the charge in innovation, equipping students with the prowess to navigate the challenges presented by the ever-evolving landscape of technology. The graduates we commemorate today have honed their skills and adeptly embraced emerging scientific and technological advancements, enabling them to serve our nation with unparalleled effectiveness.



Message from **The Principal Secretary** **State Department for Higher Education and Research** **Ministry of Education**

Embracing Innovation

I am delighted to join Meru University of Science and Technology in celebrating the 11th Graduation Ceremony. I congratulate the Class of 2023 on your academic accomplishments. Today's celebration is the culmination of hard work, discipline and dedication. I appreciate the University Council, Management, Staff and Students for the collaboration which has resulted in this accomplishment. The theme of today's graduation, **"Beyond the Horizon: Harnessing Technology and Innovations for Infinite Possibilities,"** reminds us that the future is a canvas yet to be painted, and the brush we hold is innovation, guided by the palette of technology.

Higher education is a critical component for the achievement of the developmental agenda of the country. The State Department for Higher Education and Research through the Ministry of Education will continue supporting the implementation of policies that foster the development of the higher education sector.

To the Graduands; I encourage you all to embrace innovation in your chosen paths, whether they lead you to a laboratory, a boardroom, a classroom, or a public office. Be open to new ideas, challenge existing norms and seek creative solutions. Remember that the power of innovation lies in its ability to redefine and inspire. Today marks the end of one chapter and the beginning of another in your lives. You have received the knowledge and skills to harness technology and innovation, and as you step into the world, remember that the horizon is not a limit, but an invitation. The possibilities are infinite, and the future is a canvas waiting for your contributions. So, go forth and paint a masterpiece that showcases the transformative power of technology and the boundless spirit of innovation.

Congratulations to each and every one of you. May your journey beyond the horizon be filled with purpose and the realization of infinite possibilities.



Dr. Beatrice Muganda Inyangala

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I note with pride the efforts and strategies that Meru University of Science and Technology is laying to the development of fundable proposals, Intellectual Property portfolio as well as innovations and their patenting. These strategies are valuable as they will broaden the range of research endeavours within the University.



Message from The Chancellor



Today is a joyous occasion. Congratulations to the graduating Class of 2023 for achieving your academic goals in your various fields of study. As you stand on the threshold of a new chapter in your lives, I am confident that the knowledge and skills you have gained during your time at Meru University of Science and Technology will serve as a solid foundation for your future endeavors. You have demonstrated exceptional intellectual curiosity, a passion for learning, and a commitment to excellence that will undoubtedly propel you to even greater heights.

Throughout your years at this University, you have not only honed your academic abilities but also made lasting friendships, embraced diverse perspectives, and contributed to the dynamic composition of our campus community. These experiences have not only enriched your lives but have also prepared you to be global citizens, capable of navigating the complexities of our ever-changing world. Meru University of Science and Technology will continue to be a leader in providing high quality innovative and transformational programs that are designed to address emerging issues.

As you embark on this new chapter, I encourage you to continue to be lifelong learners, to seek out opportunities for growth, and to approach challenges with the same determination that brought you to this momentous day. Remember that education is not a destination, but a lifelong journey, and I have no doubt that each one of you will continue to make us proud.

I take this opportunity to express my deepest gratitude to the dedicated faculty and staff who have guided and nurtured our graduates throughout their academic pursuits. Your unwavering commitment to excellence in teaching and mentorship has played an invaluable role in shaping the future leaders we celebrate today.

To the families and friends of our graduates, I extend my warmest appreciation for your steadfast support and encouragement. Your belief in their abilities has been a source of strength, and your presence today is a testament to the profound impact of collective effort in the pursuit of success.

Class of 2023, as you step forward into the world, remember that you carry with you not only the knowledge and skills acquired here but also the indomitable spirit of our great institution. Be bold, be compassionate, and be the change-makers our world needs. Once again, congratulations on this remarkable achievement! I have every confidence that you will go forth and continue to make us all immensely proud.

Message from The Chairperson of Council

Embracing Infinite Possibilities in Technology and Innovation

I am delighted to welcome you to Meru University of Science and Technology (MUST) as we celebrate our 11th Graduation Ceremony. It gives me great joy to congratulate the Class of 2023 for setting goals and achieving them. The Council is delighted to celebrate this milestone with you. Our theme today, **“Beyond the Horizon: Harnessing Technology and Innovations for Infinite Possibilities,”** reflects the incredible journey that each one of you has undertaken during your time here in this esteemed University. The horizon represents a world of immense possibilities and if you can perceive it you can achieve it. As you start the next phase of your life you can draw some wisdom from Arthur Clarke that **“the only way to discover the limits of the possible is to go beyond them into the impossible”**, So it is now your responsibility to stretch those boundaries to explore the uncharted territories that lie beyond.

In today’s world, technology and innovation have become the catalysts for progress and change. They are the tools that will enable you achieve your goals and realize your potential. In the face of unprecedented challenges, we have witnessed how technology has not only helped us adapt but also thrive. Innovations in healthcare have saved lives and advancements in communication connected us in ways we never thought possible. The University has equipped you with the relevant knowledge and skills to enable you navigate a future driven by technology, and to be become part of the solutions to the challenges in society.

As you join the world, I challenge you to constantly aim to attain the highest echelons in your careers. The University has furnished you with quality education based on a holistic approach. You have what it takes to achieve your dreams. You are expected to work diligently



Dr. Jane Kiringai, Ph.D

while upholding integrity. Meru University of Science and Technology is assured that the Class of 2023, as our ambassadors, will play a key role in the socio-economic development of our country. As I conclude, I would like to thank the Government for the continued support to the University. The University has grown tremendously in student numbers, faculty and research and in physical infrastructure. On behalf of the Council I would like to reiterate our commitment, towards achieving and maintaining this institution as a World Class University of Excellence in Science, Technology and Innovation

Congratulations and best wishes to the Class of 2023 may God Bless you and God Bless Kenya!



The Meru University of Science and Technology (MUST) Council led by the Chairperson, Dr. Jane Kiringai, capture a moment with the Vice-Chancellor, Prof. Romanus Odhiambo after signing the Performance Contract for the 2023/2024 Financial Year

Message from The Vice-Chancellor

Beyond the Horizon: MUSTs Role in Fostering Innovation and the Infinite Possibilities Ahead

It is an honor and a source of great joy to welcome you all to Meru University of Science and Technology (MUST) on this momentous occasion - our 11th Graduation Ceremony. Today, we celebrate not just the remarkable achievements of our graduates but also the pivotal role our institution has played in nurturing the talents and dreams of these bright minds. Together, we explore the captivating theme of this event, ***“Beyond the Horizon: Harnessing Technology and Innovations for Infinite Possibilities.”***

Our theme is a reflection of MUST’s commitment to empowering our students with the knowledge and skills needed to navigate the ever-evolving world of technology and innovation. We have been a guiding light on their educational journey, offering not only academic excellence but also the mentorship and resources necessary to turn their aspirations into reality. This great institution has been the transformation place that has seen them grow and transform to a responsible citizenry.

In a world marked by global interconnectivity, the impact of technology and innovation is profound, offering boundless possibilities. From the heart of our campus to the far corners of the Earth, these advancements transcend geographical confines and unite humanity in a shared vision of progress. As we look beyond the horizon, we see our graduates ready to venture into the world, armed with the tools that enable them to craft the future. In this age of constant transformation, our graduates stand as the bridge between global trends and local realities. They are the catalysts of change and the visionary architects of infinite possibilities.

The challenges that confront humanity today are as immense as they are complex. Our graduates have been equipped with the skills and knowledge to tackle these issues head-on. They are the pioneers who will push the boundaries of renewable energy and harness the potential of artificial intelligence. With their determination and creativity, the horizons of possibility are indeed boundless.

While we embrace the global perspective, we must never forget our local roots and the communities from which we draw our strength. Innovation and technology should serve not only global needs but also address local challenges, improving the lives of those in our immediate surroundings. Our graduates have the unique ability to



Prof. Romanus Odhiambo, Ph.D

blend these global and local perspectives. They can think globally and act locally, driving positive change in their communities. The horizon may be vast, but it is right here, in our local context, where innovation can have the most profound impact.

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Today, as we celebrate the achievements of our graduates, we also celebrate the crucial role MUST has played in shaping their futures. We take pride in having provided the nurturing environment, the knowledge, and the inspiration that allowed them to reach this milestone.

To our graduates, I say: Remember the lessons learned from Meru University of Science and Technology. Remember the challenges facing humanity, and know that you are well-equipped to address them. Your journey has just begun, and as you look beyond the horizon, may you find a world filled with opportunities waiting for your impact.

Congratulations, and may your futures be as limitless as the horizons you aspire to explore.

Members of The University Council



Dr. Jane Kiringai, Ph.D
Chairperson of Council



Ms. Jannet Ominde Atika
Member



Mr. Silvester Kibiwott Kinyor
Member



Ms. Lucy Rimanto Molonket
Member



Mr. Martin Kinoti
Member



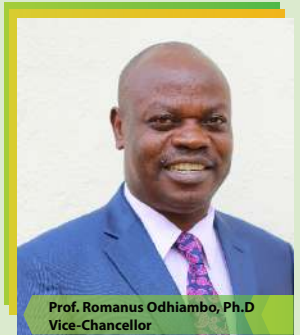
Dr. Jacob Gekonge Kwaba, Ph.D
Member



Mr. Fredrick Ndambuki
Rep. PS, State Department for Higher
Education and Research

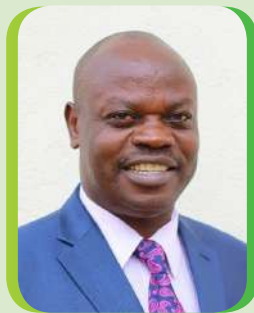


Ms. Rose Kwena
Rep. PS, National Treasury



Prof. Romanus Odhiambo, Ph.D
Vice-Chancellor

University Management Board



Prof. Romanus Odhiambo,
PhD Vice-Chancellor



Prof. Simon Thurania, PhD
Deputy Vice-Chancellor,
Academic and Student Affairs



Prof. Charity Gichuki, Ph.D
Deputy Vice-Chancellor,
Administration, Finance and
Planning



Dr. Stephen Karanja, PhD
Ag. Registrar, Academic and
Student Affairs



Dr. Elijah Walubuka, Ph.D
Registrar, Administration and
Planning



Mr. Nephath Njeru
Finance Officer

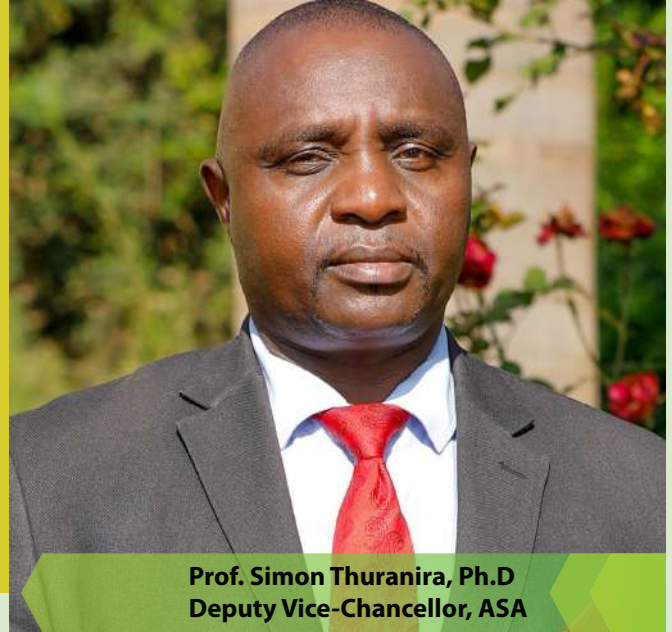
Message from The Deputy Vice-Chancellor Academic and Student Affairs(ASA)

Esteemed Graduates, Distinguished Guests, and Friends of MUST, I am immensely pleased to welcome you to the 11th Graduation Ceremony of Meru University of Science and Technology (MUST), as we celebrate the remarkable achievements of the Class of 2023. This momentous occasion represents a significant milestone in the academic journey of the graduands and also provides an opportunity to reflect on the extraordinary contributions of our institution in various fields in the Country and globally. In our pursuit of excellence, Meru University of Science and Technology remains at the forefront of academic innovation and achievement. As we celebrate our 11th Graduation Ceremony, we reflect on the transformative journey that has brought us to this moment. At MUST, we continue to set new standards in education, research and community engagement!

Over the past years, teaching has continuously evolved, adapting to the ever-changing landscape of education. In particular, the COVID-19 pandemic challenged us to embrace technology, leading to the integration of technology in blended learning. As a University, we have invested in cutting-edge technology and digital platforms to ensure that learning never ceased, even in the face of adversity. Today, we can proudly say that our commitment to harnessing the power of technology in education has made us a pioneer in this field. The Class of 2023 represents the embodiment of the MUST spirit, characterized by resilience, innovation and a dedication to excellence. To the graduands, as you step out into the world, you move out not only with the knowledge gained within these walls but also the values and principles instilled during your time at the University. We have every reason to believe that you will make a positive impact on society and contribute to a better future. Please be good ambassadors of MUST.

At MUST, we have been unwavering in our commitment to Science, Technology, Engineering, and Mathematics (STEM) education. The world is in the midst of a technological revolution, and we firmly believe that STEM is the driving force behind this transformation. We have consistently encouraged and celebrated the contributions of our students, especially girls and women, in STEM fields, striving to create a more diverse and inclusive academic environment.

Our journey in Research, Innovation and Technology has been nothing short of remarkable. We have provided



Prof. Simon Thurania, Ph.D
Deputy Vice-Chancellor, ASA

unwavering support to young innovators, researchers and entrepreneurs, nurturing their potential and guiding them toward groundbreaking discoveries. The innovative solutions and ideas that have emerged from our institution are a testament to the incredible talent that thrives within these walls. The University has fostered a culture of innovation and discovery. Our institution is a breeding ground for pioneers and change-makers. The impactful solutions and technologies that have emerged from our University community have made significant contributions to various industries.

As part of our commitment to global sustainability and the United Nations Sustainable Development Goals (SDGs), we have taken action by planting trees on our campus. This initiative aligns with our determination to combat climate change and protect the environment. Through this, we are not only contributing to a healthier planet but also teaching our students the importance of responsible environmental stewardship. We understand that a sustainable future requires responsible environmental practices.

Our commitment to providing quality education has been further demonstrated by welcoming 4284 first-year students, 2023 Intake. This is so far the highest number of first years to have ever been placed to the University by the Kenya Universities and Colleges Central Placement

Message from The Deputy Vice-Chancellor Academic and Student Affairs(ASA)

Service (KUCCPS). We laud our Government for the New University Funding Model, which will ensure that education remains accessible and affordable, making a meaningful impact on the lives of countless individuals from poor households.

We offer a wide selection of programs at the University, ranging from certificate courses to Ph.D. programs. In total, we have 152 courses, allowing our students to explore their passions and achieve their academic and career goals through our 8 Schools.

We take pride in our vibrant student community and our achievements in sports as a testament to the talent, dedication and discipline of our students. Two of our teams emerged as winners at position number one at Kenya Universities Sport Association (KUSA) Nationals, proving that we are a force to be reckon with not only in the classroom but also on the field. Internationally, our Woodball team brought home a Bronze Medal from a competition held in Malaysia this year.

We celebrate a historic moment as the first group of Technical and Vocational Education and Training (TVET) students, who will be graduating from our University for the first time this year. This accomplishment is a testament to our commitment to providing quality education to a wide spectrum of students.

Congratulations to the Class of 2023, and may you continue to shine as ambassadors of Meru University of Science and Technology.

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To the graduands, as we celebrate this remarkable day, we must remember that your achievements are not only a reflection of your hard work and dedication but also of the unwavering support from your families, faculty and the entire MUST community. We are immensely proud of what you have achieved and eagerly anticipate the contributions you will make to society as you embark on your next journey.



Message from the Deputy Vice-Chancellor Administration, Finance & Planning (A,F&P)

Class of 2023; You are destined for greatness!

Once again, here we are celebrating yet another crop of graduands! It is as exciting as when we first let our very first graduates out into the public. Although we have grown, and could claim to be experienced in organizing and hosting graduations, every time we have a new class graduating gives a special joy, comparable to none! Congratulations the graduating Class of 2023! We thank and praise God for this far.

We know that you have worked hard and that this is a celebration of your hard work and God's grace! The Bible says **"Do you see a man skillful and experienced in his work? He will stand [in honor] before kings; He will not stand before obscure men" (Proverbs 22:29)**. You are definitely skillful now and you will not stand before the obscure. God means for you to be recognized. You are destined for greatness! Please go out there and do exploits. Use the skills you have gained here to learn more in your fields but also learn how to make your unique set of skills relevant to other fields of impact in this economy and the economies of the world

The theme of this graduation is **"Beyond the Horizon: Harnessing Technology and Innovations for Infinite Possibilities."**

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God has placed in your hands (brains) limitless potential and given you a lifetime to explore and put them to use. What you have learnt in the course of your studies will enable you explore a world of potential in yourselves and others who you are going to meet out there in the world.



Prof. Charity Gichuki, Ph.D
Deputy Vice-Chancellor, AFP

You are graduating from Meru University of Science and Technology at a great time when even the Government of Kenya, the East African Community, the Africa Union and the United Nations are acknowledging the role of **Science, Technology and Innovation** (STI) as crucial drivers and enablers of socioeconomic development. The current challenges of climate change and globalization evidenced by frequent severe weather patterns, pandemics and urbanization need STI solutions. Kenya and the world are looking to you to learn, develop, innovate and apply STI solutions to these challenges and others that we have not even come across at this time. We have great opportunities in data science, renewable energy, building technology and digitization through animation to virtual and augmented reality. We have given you what we can within the current time, knowledge and technology limitations. You may not know it yourself at this time, but we know that you are the ones who are going to do it.

As you leave the classroom to the workspace, whether working for others or for yourselves, remember: **Whatever you do, work at it with all your heart, as working for the Lord, not for human masters, since you know that you will receive an inheritance from the Lord as a reward. It is the Lord Christ you are serving (Colossians 3: 23-24)**

Shalom!

School of Agriculture and Food Science (SAFS)

MUST's Commitment to Food Security and Innovation

Agriculture plays a critical role in the well-being of people because everyone needs food to live and thrive. Thus, although perceptions towards agriculture and food production in general keep fluctuating worldwide, the constant denominator is that food production remains a priority in Kenya and the entire globe. This means that we need a continuous output of well skilled and innovative graduates who can continue to devise new strategies to produce crop and animal foods to feed the ever-increasing population of people in Kenya. The School of Agriculture and Food Science at the Meru University of Science and Technology (MUST) exists to meet this need in order to contribute to food security and national well-being of citizens.

Currently, the School has three Departments: Agriculture, Food Science and Animal Science. In addition, our Marimba Learning Centre offers specialized training in Technical and Vocational Education and Training (TVET) programmes. In total, SAFs offers two (2) PhD programmes, three (3) MSc programmes, ten (10) BSc Programmes, seven (7) Diploma and three (3) certificate programmes. Currently, the school boasts of over

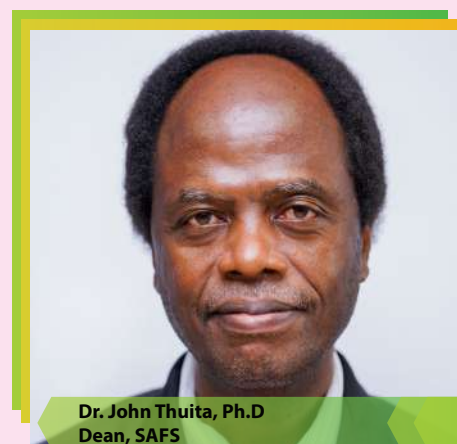
30 qualified members of staff.

In SAFs, we remain committed to produce graduates who have adequate exposure and skills to meet the needs of the job market. Therefore, the School's state of the art laboratories, equipment and demo farms are constantly being improved. In the spirit of continuous upgrading of the training infrastructure, SAFS is currently celebrating the completion of the kitchen and restaurant for our hospitality and tourism management students. The School also continues to make good use of the existing Memoranda of Understanding (MOUs) in order to ensure that our students get the best practical opportunities. The opportunities for practical work are also enhanced through establishing new linkages with industry as well as research projects and partnerships.

To the current graduating Class of October 2023, I would like to offer hearty congratulations. You, the students who enrolled into the University in 2019 have showed the true spirit of resilience and fortitude that is required for every one who desires to make a mark in life.

Congratulations!!

Step out to face the wider world with



Dr. John Thuita, Ph.D
Dean, SAFS

the same courage and resilience. Give no room to pessimism and fear. Give no room to procrastination. It is time to step out to lay hold of your destiny. It is time to fan into flame the knowledge, the skills, the creative spirit. It is time to shed the victim mindset and put on the victors' mindset. Times and seasons are forever changing. Economic hardships such as what the globe is currently experiencing become opportunities for new products and services for skilled professionals with the right attitude. We are proud of you. We are confident that you will be a success.

Ladies and gentlemen, well done!

School of Business And Economics (SBE)

Prolific effort

The School of Business and Economics (SBE) celebrates the achievements of our 2023 graduands on this occasion of the 11th graduation ceremony. As faculty members, we appreciate you our graduates! As School of Business and Economics, we train entrepreneurs, researchers and managers who play a critical role in running institutions of any nature. In order to make them competitive, the School continually develops new market driven programs, updates the content of existing curriculum in line with market demand and delivers the curricula content according to practical experience.

The School offers a variety of programs at different levels to suit learners with diverse interests in education. The School, therefore, has programs running from

Certificate level all the way to Doctor of Philosophy (Ph.D). To match this interest, the School has two departments namely the Department of Business Management headed by Dr. Agnes Mungania and Department of Accounting and Finance headed by Mr. John Mbogo. The School has over thirty-five (35) fully qualified full-time staff trained in various areas to navigate our students through their academic journey.

The programs in Business Management include; Doctor of Philosophy in Business Management (PhD), Masters of Science in Entrepreneurship, Masters of Science in Supply Chain Management, Bachelor of Science in Economics, Bachelor of Science in Human Resource Management, Bachelor of Procurement and Logistics Management, Diploma



Dr. Mohammed Shano, Ph.D
Dean, SBE

in Procurement and Supplies Management and Certificate in Procurement and Supplies Management.

The Department of Accounting and Finance offers; Masters of Business Administration, Masters of Science in Finance, Bachelor of Commerce,

School of Business And Economics (SBE)

Bachelor of Science in Finance, Bachelor of Business Administration, Bachelor of Science in Applied Accounting, Diploma in Business Administration and Certificate in Business Management.

In order to meet the emerging needs of our students and to keep track of market trends, the School has developed an **Online MBA** to

enable learners acquire the needed education remotely and Bachelor of Science in Economics and Statistics that gives learners multiple knowledge and skills.

Our esteemed graduands, Congratulations!! As a school, we believe you have all it takes to make you achieve your aspirations. Use the learned technological skills and innovative

ideas to offer solutions to the world's problem. Congratulations once again for this well earned honor as you plan to explore the world and offer solutions using the acquired knowledge, skills and attitudes.

School of Computing and Informatics (SCI)

SCI pioneering the Fourth Industrial Revolution

On this auspicious occasion of the 11th graduation, the School of Computing and Informatics (SCI) congratulates the graduates of the 2023 class. As you go out into the industry, we are confident that MUST has prepared you well to be employees as well as creators of employment. Our school embraces the theme of this graduation: **"Beyond the Horizon: Harnessing Technology and Innovations for infinite possibilities"**. This is the School that carries Technology, this is the School that incubates Innovations, and this is the School that produces market ready graduates with skills much needed to take the global economy forward.

SCI houses three departments namely: Department of Computer Science under the leadership of Dr. Mary Mwadulo, Department of Information and Media Studies under Dr. Beatrice Owiti and the Department of Information Technology under Mr. Mwenda Gichuru. In these departments, we

offer various programs at Doctoral, Masters, Bachelors, Diploma and Certificate levels. We pride ourselves as the School that is directly in charge of the courses that are believed to be driving the fourth industrial revolution globally.

The School has aligned itself to this role very well by designing programs that allow for the graduates to acquire hands-on training making our graduates some of the most sought after in the industry. This has been recently illustrated when students from the school won the Equity hackathon and immediately got employment due to this achievement. This is just one of the many examples we can give of the great achievements at SCI. As Kenya embraces the competency based curriculum, our school is one that already practices competency based learning in which we inculcate the skills, attitude and values enviable by any industry. As a result, we are always looking for opportunities to better ourselves and create new



Dr. Makau Mutua, Ph.D
Dean, SCI

programs that are market driven and on this day, you remain one of our key stakeholders in this endeavour.

So to the graduates, parents, and all other key stakeholders, as you celebrate this graduation, we celebrate together with you at SCI. We are proud to be associated with you. We urge you to remember to talk about MUST positively. We urge you to remember that SCI helps to drive the fourth industrial revolution.

Thank you and God bless you.

School of Education (SEd)

The light that never goes out!

The School of Education (SEd) is where it all happens - training and empowering educators to teach this and the next generations. With the Competence Based Curriculum (CBC) fully underway, the School is not only ready to receive students from high school but has trained teachers to effectively face what awaits them in the schools, some of who we are releasing today.

The School of Education (SEd) offers programs ranging from Bachelor's to Doctorate degrees in its two departments; Education Science & Technology and Education Arts. **For the first time, we are proud to graduate students with a Bachelor in Arts degree in various subject combinations. This signifies the growth we have experienced over the years.**

In addition to academics, our students are active in clubs, sports & athletics, music & drama. For instance, a number represented Kenya in the Woodball World Cup in Malaysia in July this year. There's a place and something for everyone in SEd.

To our graduands, be heartened that you have been well equipped to take on the world and win. Your sacrifice, efforts, commitment, discipline, and hard work throughout your stay at the University have borne good fruit. This day is a testament to your immense capabilities. You have proved to yourself that you have what it takes to be successful. Never forget that as you transition into the next phase of your life.

There is a world of possibilities out there for you to explore and be a part of. You all have dreams and aspirations. Cultivate them, align them, refine them, and fight for them. Remain active and positive. Surround yourself with a community (virtual and otherwise) that supports your vision. Find mentors to learn from. Be tenacious, be bold and courageous, be loyal and kind to yourself. Be patient if your path takes a while to be clear, for it surely will. As a teacher, remember that rocket scientists and artists alike will pass through your hands. Nurture their dreams, blow gently on their flames to ignite them, do not put them out. Light their paths and let them be on



Dr. Hilda Nyougo Omae, Ph.D.
Dean, SEd

their way. Be proud of your work and let it bear witness to the greatness in you.

It's been said, "One book, one pen, one child and one teacher can change the world." You are that teacher. Light a child's candle, lamp or bulb and pass on the light that never goes out!

From all of us in the School of Education, CONGRATULATIONS and may our Mighty God be gracious to you.

Congratulations Class of 2023!

School of Engineering and Architecture (SEA)

Celebrating Achievements in Engineering and Sanitation

The School of Engineering and Architecture (SEA) is pleased to present the second cohort of the Master of Sanitation and the fourth cohort of Bachelor of Technology in Engineering students in today's graduation ceremony. The School is pleased to join the general University fraternity and our esteemed guests as we celebrate the achievement of this important milestone for our graduands. I take this opportunity on behalf of the faculty and staff to congratulate our one hundred and thirty-three achievers that we are going to release today to serve our fellow compatriots and humanity in general in the various courses that we have trained you in. We are confident that you are well prepared to undertake and deliver in the tasks you will encounter in your area of training.

In the last few months, the School registered its first cohort of PhD

students in Sanitation and Waste Management - a first on the African continent. We are indeed delighted to collaborate with the Sanitation Research Institute (SRI) at MUST in designing and rolling out unique courses that address pertinent issues in society such as Sanitation. We expect to launch a Bachelor of Science in Sanitation and Waste management next year and thereby cement our position as a continental centre for training and research in Sanitation and Waste Management.

Since the last graduation ceremony in March this year, the School has engaged in a number of activities geared to equip our students with the necessary attitudes towards work; a career day was successfully held in the first quarter, resource persons were invited from industry to share their experience and insights regarding the immense opportunities available in the wider engineering



Mr. George Njeru
Dean, SEA

field. Students were encouraged by the various speakers to focus on job creation as opposed to seeking employment in the established formal sector that is not expanding fast enough to absorb large numbers of trainees from tertiary institutions. Among the speakers were our alumni who have been absorbed in the job market or were pursuing further studies locally and abroad. We

School of Engineering and Architecture (SEA)

were also privileged to host officials from the Institute of Engineering Technologists (IET) and the Kenya Engineering Technology Registration Board (KETRB) to talk about recent developments and to advise students on licensure and opportunities for professional development.

The School successfully ran internal attachment for second year students in May and June. In addition, we attached and assessed all third and fourth-year students who were placed in various organisations around the country for industrial attachment. We got very encouraging feedback from industry regarding relevance of

the training that we provide. These insights will be incorporated in the Bachelor of Science in Engineering programmes that we have developed that is in the process of approval by organs of the University.

The School appreciates that the rapidly changing environment at the workplace calls for new and innovative ways of delivering content; consequently, we shall engage our stakeholders to ensure that our students are equipped with the right attitudes, knowledge and skills required to thrive in line with the theme for this year's graduation ceremony: **"Beyond the**

Horizon: Harnessing Technology and Innovations for Infinite Possibilities".

To our esteemed graduands, we urge you to make use of the knowledge you have acquired to provide solutions to the many challenges that our compatriots face. You have all that it takes to succeed in life. 'You have fought the good fight and completed the race; now you must keep the faith'.

Congratulations ladies and gentlemen on your well-deserved success!

School of Health Sciences

Innovative Healthcare Delivery for the 21st Century

The School of Health Sciences (SHS) has grown from a single department (Public Health) in 2012 to currently a popular school with three departments, offering undergraduate and postgraduate courses. There are six undergraduate and seven postgraduate programs in the school, resident in three departments namely; Department of Public Health, Department of Clinical Medicine and Community Health and the Department of Laboratory Sciences.

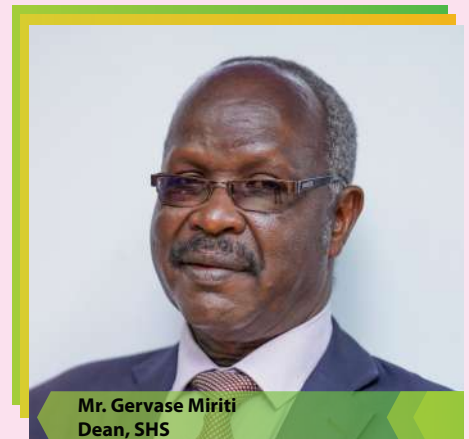
The BSc. in Public Health, the Master of Science in Public Health, the MSc. in Epidemiology, the MSc. in Medical Education and the PhD in Public Health programs are domiciled in the Department of Public Health. The BSc. in Clinical Medicine and Community Health, BSc. in Community Health and Development and BSc. in Health Records and Information Management are managed in the Department of Clinical Medicine

and Community Health. The BSc. in Medical Laboratory Sciences, BSc. in Medical Microbiology and PhD in Molecular Medicine programs are under the Department of Medical Laboratory Sciences.

During curriculum development, we engage all stake holders and partners. Thereafter, we employ innovative methods of teaching and technology transfer, to enable our graduates tackle the health challenges of the 21st century.

Our faculty comprises of experienced Professors, Senior lecturers, Lectures, Laboratory, Administrative and Support staff to assist deliver these programs. In addition, we have state-of-the-art diagnostic and teaching laboratories equipped to ensure trainees acquire skills and competencies to enable them offer innovative healthcare services after graduation.

To our graduands, Congratulations!



Mr. Gervase Miriti
Dean, SHS

Congratulations! You are equipped and we now release you to work anywhere in the world. Our Alumni are already doing it. However, direct employment in the industry is not guaranteed. With your knowledge and skills, you can for sure innovate and conquer the world. Become employers instead of employees.

Congratulations, you have made it!

School of Nursing (SoN)

Embracing Excellence in Healthcare

Congratulations to the 2023 graduating class for the excellent job you have done. You have worked extremely hard in the last four years to make it to this moment. As we are gathered here today celebrating you, remind yourself that you deserve to be here, be proud of yourself and celebrate this moment. The education you have received from this world class University will open doors that you can only imagine. But imagination is key if you keep an open mind, an adventurous spirit, and focus on the career pathway that you are passionate about, hence the sky is not even the limit for you.

In your journey in your chosen profession ensure you adapt lifelong

learning to always stay updated on the current trends and practices. For you to succeed embrace honesty, trust and integrity as your guiding values.

For the health managers and nurses graduating today, we are very proud of you. The world is in need of compassionate, empathetic and sympathetic practitioners that you are. Go forth and become the ethical practitioners that will make an impact in society. Let me emphasize that providing clinical care is a responsibility and also a privilege. For it is a privilege to serve and care for individuals, families, and communities, and to maintain the trust they have bestowed on us as professionals. We look upon you to



Dr. MaryJoy Kaimuri, Ph.D.
Dean, SoN

provide solutions to the challenges facing the world.

Keep shining and congratulations on your graduation.

School of Pure and Applied Sciences (SPAS)

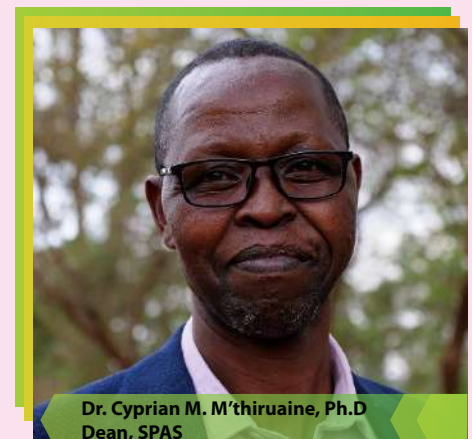
Celebrating Academic Excellence and Global Research Partnerships

It gives me pleasure on this momentous occasion to join Meru University of Science and Technology (MUST) fraternity, parents and guardians in celebrating our academic heroes graduating today. **Congratulation Class of 2023!** The entire SPAS family is proud of you. we sincerely thank you for the opportunity you gave us to be part of your academic success. I am confident that we have equipped you with all necessary skills and knowledge you require in your prospective careers. Today as we release you to the world, I encourage you to be good stewards as you serve the world diligently and generously whenever given a chance.

The School of Pure and Applied Sciences started in 2011 and it has since graduated over 1300 students in diversified programmes offered in the School. Through these programmes, students have gained quality hands on training in Chemistry, Physics, Biology, Mathematics and other courses where Science forms the vital backbone. Today, the School graduates six (6) Master of Science students and a large number of undergraduate students. The School aims at providing high quality education in sciences that promote excellence in scholarship, research and innovations in order to produce highly skilled and

globally competitive scientists. In this view the School has established research partnership with several local and international research institutions in order to enhance scientific knowledge and research skills to both faculty members and postgraduate students. It is worthy to mention some of these partnerships:

- In August last year, two faculty members from SPAS, Dr. Maitethia and Dr. Kinyua visited Carvedish laboratory in University of Cambridge for a period of three months to conduct photonic based research aimed at the development of low cost malaria diagnostic kit. During the visit the team established collaborations with Cavendish research team led by the host Prof. Pietro Cicuta. Very recently, a team of volunteer experts from Canada and United States of America have participated successfully in the development of the Medical Physics curriculum as stakeholders. Successful implementation of the program will help bridge the shortage of qualified medical Physicists required in treatment of Cancer patients using electromagnet radiations.
- MUST being a beneficiary of Erasmus +KA107 student and staff exchange program, two MSc students in Chemistry, Mr. Victor



Dr. Cyprian M. M'thuruaine, Ph.D.
Dean, SPAS

Kiptoo and Ms Cleah Masolia were awarded a six months' scholarship to carry out part of their research work in the University of Padova, Italy. It is here the hard work and excellent research findings by Mr. Victor did not go unnoticed, and soon after completing his Master's degree here in MUST, he was awarded a prestigious PhD scholarship.

- Through the partnership of MUST and Utsunomiya University, Japan, Ms Daisy Kiprono an MSc Molecular Biology student was awarded a one-year scholarship to study and complete her research project at Utsunomiya University. This came as a result of her outstanding performance in the Global Management course in 2022.

School of Pure and Applied Sciences (SPAS)

• In June last year, Mr. Muchui an MSc student in Chemistry won a scholarship by the Laboratory of Construction Materials at EPFL, Switzerland to attend an advanced training on the characterization methods adopted to LC3 cement. In the same year, Mr. Ismael also an Msc Chemistry student,

participated in a sustainable construction materials workshop at University of Dar Es Salaam, Tanzania.

I have no doubt our MSc students are globally competitive scientists and they have all it takes to transform the world. It is with

immense pride and honor I once again congratulate them and their supervisors for their incredible research and innovation milestones accomplished within the last three years. We love you and we are proud of you.



From left to right, Dickson Kinyua and Daniel Maitethia together with their mentor Prof. Cicuta at Corpus Christi College during the farewell lunch

Message from Directorate of Board of Post-Graduate Studies (BPS)

Unbound Opportunities Through Postgraduate Research

May I congratulate all the graduands of this eleventh graduation of Meru University of Science and Technology (MUST). What a joy it should be to celebrate the achievements of the past years of commitment, hard work and sacrifices. The joy at the end should outweigh any tears that may have been experienced as you travelled the journey. This is a moment also to celebrate your parents and guardians who in many ways provided the needed support. The MUST staff both teaching and non-teaching also share your success for their roles played to ensure that you made it to the end. I join you in expressing gratitude to the Almighty God who enabled you go through

your course of study successfully. At the Board of Postgraduate Studies (BPS), we celebrate the postgraduate graduands. We celebrate all the partners whose effort contributed in enabling our graduands produce high quality research outputs. The Administrators, Supervisors, internal and external theses and defense Examiners as well as Industry partners are appreciated.

We also congratulate the Bachelor degree graduands and welcome you to the diverse postgraduate programmes including Postgraduate Diploma, Masters and Doctorate programmes offered in our various Schools. The faculty members are available to mentor you in their area



**Prof. Eustace Mwenda, Ph.D.
Director, Board of Postgraduate Studies (BPS)**

of expertise. Through postgraduate research many opportunities can be exploited so as to create a better world through providing solutions to real problems.

Once more congratulations.

Message from Directorate of Centre for Continuing Studies (CCS)

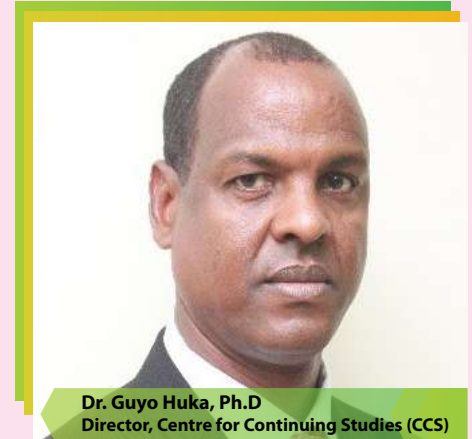
MUST is a Hallmark of Quality Service Delivery

Dynamics of the world of labour keep on changing as demand for individual competitiveness beckons for more efficient and convenient arrangements at work places. In addition, there is increased demand for specialized skills by the ever emerging complexities of markets, informed customers and competitions. More than ever before, utilization of flexi-timing for work and continuous learning becomes quite necessary in order to take full advantages of techno-knowledge based economies. While these opportunities are available to the modern day workers, requisite skills, knowledge and accompanying attitudes are paramount for maximum use of these opportunities. At Meru Town Campus, we are

cognizant of these developments and have provided unlimited avenues and learning modes for individuals and groups. We have week-end, evening and hybrid-online classes from Certificate to Ph.D programmes.

In all these modes we meticulously observe our hallmark of quality service delivery and imparting of up-to-date academic and market centric skills and knowledge for a result oriented work culture. We also recognize prior learning including certificates and diplomas awards and hence offer credit transfer benefits to the qualified applicants joining our courses.

All are welcome. You can contact us on



Dr. Guyo Huka, Ph.D
Director, Centre for Continuing Studies (CCS)

info@must.ac.ke or towncampus@must.ac.ke

Congratulations to the MUST Class of 2023!

Message from Directorate of Centre for Professional Studies (CPS)

Advancing Your Skillset Through Our Professional and Short Courses

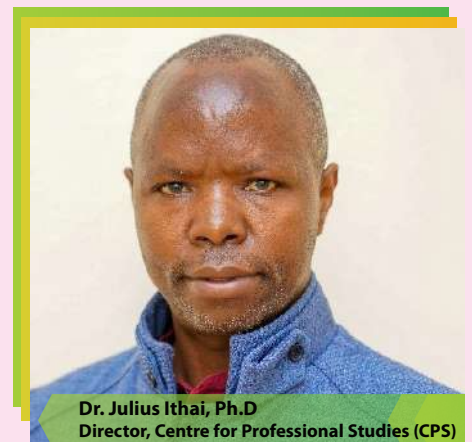
The Centre for Professional Studies takes this opportunity to congratulate the graduating class of 2023. This milestone is truly an evidence of your hard work and determination and we really thank God for your great achievement. You have undoubtedly opened doors to even greater heights of opportunities.

MUST management recognizes the importance of professional and short courses in the attainment of the United Nations SDGs and Kenya's Vision 2030. Through the Directorate of Professional Studies (CPS), Meru University of Science and Technology has therefore established over a hundred courses targeting various categories of trainees.

The Directorate is charged with various responsibilities concerning professional and short courses which

equip learners with desirable skills for competition in the job market. The Centre offers professional courses such as CPA, CIFA, CPSP-K, CHRP, CISCO Certifications (CCNA and CCNP), ICDL, HUAWAI Certifications and other short courses in various fields such as Pedagogy and Andragogy, Plumbing and Foreign languages. These skills are key in boosting your career paths. They come in handy with respective Degree certificates that make the learner well balanced and more competitive in the labour market.

Having taken advantage of these courses together with your academic prowess, we believe that you will be able to make the world a better place by offering solutions to the challenges inherent in the society. Further, learning being a lifelong process, we urge you to register for



Dr. Julius Ithai, Ph.D
Director, Centre for Professional Studies (CPS)

other courses including a Master's Degree in order to keep pace with the ever changing global needs.

Best wishes to you all and CONGRATULATIONS to the MUST Class of 2023!!!

Message from Director, Institute of Cement and Concrete (ICC)

Advancing Scientific Research, Postgraduate Training and Consultancy on Green Cement and Concrete

The Institute of Cement and Concrete (ICC), the newest addition to our great University, focuses on advancing scientific research, postgraduate training and consultancy on green cement and concrete. A key initiative is the Limestone Calcined Clay Cement-Technology Resource Centre (LC3-TRC) Africa project, funded by Safechem Enterprises Pvt. Ltd. in collaboration with the Indian Institute of Technology, Dehli-India (IITD), which drives research in LC³ cement and supports cement industries in Sub-Saharan Africa.

Collaboration has been pivotal to our success, involving experts from École Polytechnique Fédérale de Lausanne (EPFL) Switzerland, Uppsala University- Sweden and University of Padua-Italy, as well as networking visits by representatives from various industries. Our commitment to international exposure has provided students with opportunities for training and/or attachment in Switzerland, Italy and India. We also organized a successful

LC3 information day in Nairobi in September, 2022 with wide multi-sectoral participation drawn from UNEP, UN-Habitat, cement industries and various government agencies. The Institute actively participated and made high level presentations at the recently concluded Africa Climate Week (ACW) /Africa Climate Summit (ACS) held in Nairobi at KICC in September 2023, fostering valuable academic-industry partnerships

Our recent achievements include the visit by our Vice-Chancellor, Prof. Romanus Odhiambo, and Deputy Vice Chancellor (Academic and Student Affairs), Prof. Simon Thurairara, to IIT Delhi - India, an Erasmus student faculty exchange event at MUST, and the renewal of Erasmus mobility programme for 2024-2026. Exciting academic programmes are on the horizon, including the launch of Master of Science and Ph.D programmes in Cement Technology as well as the launch of our state-of-the-art cement laboratory.



Dr. Joseph Mwiti Marangu, Ph.D
Director, Institute of Cement and Concrete (ICC)

To our graduands, I extend my heartfelt congratulations to each one of you on your well-deserved graduation. I encourage you to continue your pursuit of knowledge, innovation, and positive impact on our world. Remember, you are part of a legacy of excellence, and your journey is just beginning.

Once again, congratulations, and I wish you the very best in your future endeavors.

Message from Directorate of International Liaison

Harnessing Knowledge for Global Impact

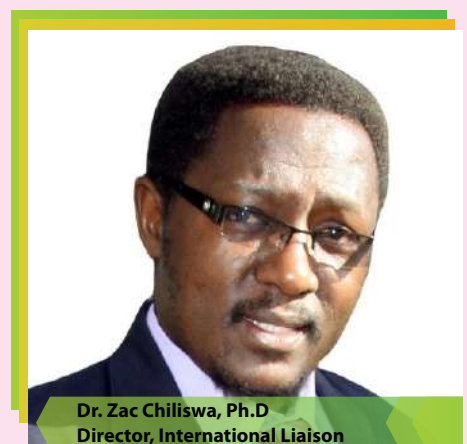
Every University graduation contributes to humanity through producing women and men who will light up the planet with their discoveries and life-changing solutions. Today's world requires professional women and men who are aware of the most serious challenge of the twenty-first century.

We hope that for each one of you the University experience has instilled in you a passion to contribute to addressing the difficulties that Kenya and the world face today. We hope that your participation in the community of scholars at Meru University of Science and Technology (MUST) has provided you with life-long educational possibilities.

Beyond your scholastic successes, today's society needs conscientious professionals who can apply their gained competencies to the most serious concerns of climate change and social injustice by collaborating across disciplines. This viewpoint is consistent with the 11th graduation theme: **"Beyond the Horizon: harnessing technology and**

innovations for infinite possibilities."

The Kenyan society expects MUST, a science and technology institution, to capitalise on the potentials of emerging technologies for social good. In this respect, Meru University established an international liaison office to facilitate partnership building for research, traineeships, academic exchanges, and extension in order to capitalise on the limitless prospects of university education. The current global issues require multiversity in higher education institutions, which promotes education in the neighbourhood where there is a reskilling of local residents to move with time. As a result, the MUST international liaison office serves as a platform for enhancing academic and professional mobility through formation of alliances with local and worldwide universities, businesses, and industries. We invite you to stay linked to the university through the liaison office as you join the growing MUST alumni network - there are many mutually advantageous prospects for partnerships.



Dr. Zac Chiliswa, Ph.D
Director, International Liaison

We at the Directorate of International Liaison are happy of you all and wish the 2023 Graduating Class the best of luck as they enter the workforce, hoping that their various academic successes will spark a desire in them to be professionals who are accountable.

Class of 2023, Congratulations!!

Message from Director, Marimba Learning Centre (MLC)

Nurturing Agriculture Excellence

Marimba learning centre was established in 2015 and began its operations during the September-December 2015 semester. The institution is coordinated by a Director, who oversees its operations and manages several tutors and support staff. Currently, Marimba learning centre hosts approximately 220 students and has expansion prospects in all aspects, students' population included. The Centre offers both Meru University of Science and Technology (MUST) and Technical and Vocational Education and Training (TVET) programmes.

The Centre is surrounded by extensive tea zones and lush green mountains that grant the institution a serene ambience. It is situated next to the famous Marimba farm and is 30kms from Meru town and 15 minutes' drive from Nkubu town.

MUST Programmes

- Diploma in Agriculture (DAG): which is on fulltime mode of study and runs for 3 years.
- Certificate in Agriculture (CAG): is pursued for a duration of 2 years

on fulltime mode of study.

TVET Programmes

Meru University of Science and Technology offers 2-year TVET programmes at the Marimba Learning Centre.

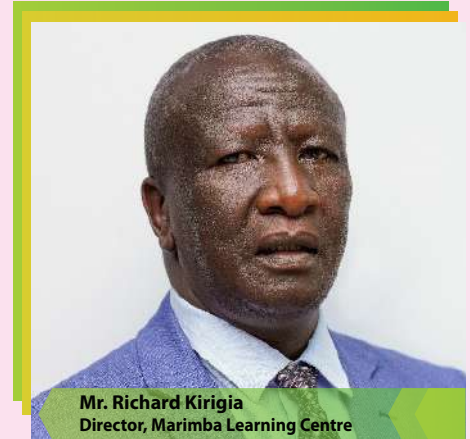
- Diploma in Agriculture Extension
- Diploma in Agripreneurship
- Diploma in Horticulture Production

Crop and livestock production practice units

Apart from class and the field training, the students undertake both crop and livestock production practice units. This involves learners being attached in the neighbouring farms where they undertake the various farm productions. These neighbouring farms act as living laboratories for the centre as they complement the centre's facilities. Here the students are engaged in various activities that include fodder preparation, cleaning of the livestock structures, feeding and milking the animals, disease control as well as various crop production practices among others.

Co-Curricular activities

Marimba Learning Centre engages students in various sports activities



Mr. Richard Kirigia
Director, Marimba Learning Centre

like volleyball, Badminton, Chess, Table tennis, Lawn tennis, Football and Mountain hiking. Recently the centre took part in a hiking exercise by a way of climbing Mt. Ithangune which is about 20 km from the centre and in the middle of Mt. Kenya forest. This is an annual event. Here real adventure, team work and team building is experienced by students, teaching and non teaching staff.

Congratulations to the Class of 2023!!

Message from Directorate of Open, Distance and eLearning (ODEL)

Oh wow! You made it! Congratulations

As you graduate, I am sure you are equipped with knowledge and skills in diverse areas, you possess a unique advantage. You have the power to shape the world and make a positive impact on society. The horizon before you is limitless, and it is up to you to venture beyond it and uncover the infinite possibilities that await you.

I challenge you to embrace the spirit of curiosity and exploration. Stay curious, be open to new ideas, and never stop learning. Seek out challenges and embrace them as opportunities for growth and innovation. Remember that true innovation often arises from pushing the boundaries of what is known and venturing into unexplored territories.

As you embark on this exciting path be positive, be strong and be optimistic. Every new day will be better than the one that is gone so please never give up. As long as you

are alive, there is still lots of hope. Be resilient in the face of obstacles.

Life is often accompanied by setbacks and failures, but these moments provide valuable lessons and opportunities for growth. Embrace the challenges, learn from them, and let them fuel your determination to succeed.

Finally, never forget your values and the impact you can have on the world. Use your knowledge and skills responsibly, with integrity and ethics. Make choices that align with your principles and contribute positively to society. Use the four-way test in all you think, say or do:

1. Is it the **TRUTH**?
2. Is it **FAIR** to all concerned?
3. Will it build **GOOD WILL** and **BETTER FRIENDSHIPS**?
4. Will it be **BENEFICIAL** to all concerned?



Ms. Mary Asunta
Director, Open, Distance and e-Learning (ODEL)

Congratulations once again on your graduation! The possibilities that lie beyond the horizon are vast and ripe for exploration. Embrace them with enthusiasm, harness the power of technology and innovation, and create a future filled with infinite possibilities. God Bless You.

Message from Directorate of Quality Assurance and Career Services (QACS)

Quality Assurance and Career Services for Excellence in Science and Technology

The Directorate identifies with the 2023 graduating class for their hard work and making it to the 11th graduation. Your success is born of hard work, dedication to quality and adherence to rule of law. We are proud of you and the Directorate takes this opportunity to congratulate you on your achievement. The Directorate continues working to fulfill its core mandate so as to ensure quality in education and training.

The Directorate of Quality Assurance and Career Services is mainly concerned with accreditation, evaluation, recognition and offering career services to the students. The purpose of the Center is to ensure that the University achieves and maintains high quality educational standards and also exploits available opportunities for improvement. Career services provides the students with opportunities to explore career options, understand workplace expectations, refine soft skills like leadership and communication, and

even understand the value addition of the degree they are earning.

The Directorate of Quality Assurance & Career Services (QA & CS) is set up to ensure the delivery of quality academic and support services to the University's key stakeholders who include students, parents, sponsors and guardians, academic and research institutions, accreditation bodies both local and international, employers, Ministry of Education, among others. In order to ensure a structured and systematic monitoring on quality, the Directorate's core mandate is to ensure that Meru University of Science and Technology (MUST) continues to shine in her vision of being **A World Class University of Excellence in Science and Technology**. In order to achieve this vision, therefore, the directorate undertakes the following core activities:

QA & CS is committed to excellence. As a Directorate we are aware that excellence neither comes naturally



Dr. Ibuathu C. Njati, Ph.D.
Director, Quality Assurance and Career Services

nor is it cheap but must be worked for. Equally we are cognizant that quality cannot be achieved without working with all stakeholders.

The Directorate assures the graduating Class of 2023 of quality work they are celebrating today. We expect you to build on this excellence as you enter the job market. May quality be your slogan in your work. Once again, congratulations on your achievement!

Message from Directorate of Research, Innovation, Commercialization and Extension (RICE)

The Remarkable Endeavors of Research, Innovation, Incubation, Commercialization and Extension (RICE)

The Directorate of Research, Innovation, Incubation, Commercialization and Extension (RICE) plays a pivotal role in promoting research, innovation, incubation, commercialization, and community engagement within MUST. RICE acts as a catalyst for transforming academic research into practical solutions that address societal challenges. Key activities undertaken by RICE are:

Research Support

RICE provides support to faculty members and students in conducting high-quality research across various disciplines. This support includes facilitating access to funding opportunities, assisting in proposal development, providing research training workshops, and promoting interdisciplinary collaboration. By nurturing a vibrant research culture, RICE encourages innovation and contributes to scientific advancements.

Innovation and Entrepreneurship

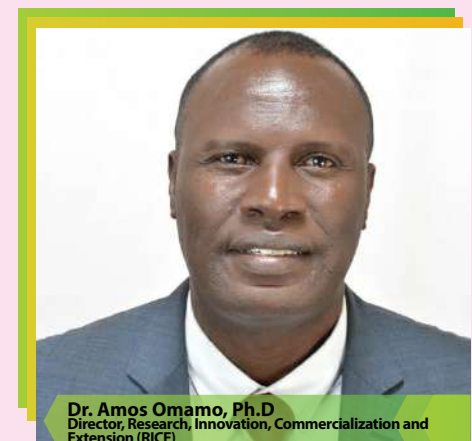
RICE actively promotes innovation and entrepreneurship among students and faculty members. The Directorate organizes innovation challenges, hackathons, and entrepreneurship boot camps to foster creativity, problem-solving, and the development of viable business ideas.

Incubation and Start-up Support

RICE provides a nurturing environment for aspiring entrepreneurs through its incubation program. This program offers mentorship, access to resources, networking opportunities, and business development support to start-ups. By nurturing these ventures, RICE contributes to job creation, economic growth, and the development of a vibrant entrepreneurial ecosystem.

Commercialization of Research

RICE plays a crucial role in bridging



Dr. Amos Omamo, Ph.D.
Director, Research, Innovation, Commercialization and Extension (RICE)

the gap between academia and industry by facilitating the commercialization of research outcomes. The Directorate assists researchers in protecting intellectual property rights, patenting inventions, and negotiating licensing agreements with industry partners.

Community Engagement

RICE actively engages with local communities to address societal

Message from Directorate of Research, Innovation, Commercialization and Extension (RICE)

challenges through research and innovation. The Directorate collaborates with government agencies, non-profit organizations, and community groups to identify pressing issues and develop sustainable solutions. By involving stakeholders in the research process, RICE ensures that projects are relevant, impactful, and aligned with community needs.

To the MUST Class of 2023; you have accomplished a remarkable milestone. You have dedicated yourself to the pursuit of knowledge, and your hard work and perseverance have paid off. You have earned your degrees, and you have proven to yourselves and to the world that you have the skills, the intelligence, and the determination to succeed. As you move forward into the next chapter of your lives, remember that your education is not just a stepping stone to a job or a career. It is a foundation

for a lifetime of learning, growth, and service to others. Your degrees are not just a piece of paper; they are a symbol of your potential, your creativity, and your resilience. As you go out into the world, remember that you are not just representatives of your alma mater. You are ambassadors of the values of education, of the pursuit of knowledge, and of the power of the human spirit. You are the leaders, innovators, and problem-solvers of the world today and for the future. Remember that success is not just about achieving your goals. It is about the impact you have on others, the positive change you bring to your communities, and the difference you make in the world. Remember that your education is not just about yourself; it is about the people you will touch, the lives you will change, and the legacies you will leave behind.

As you go forward, remember that you are not alone. You have the support of your families, your friends, and your community. You have the wisdom of your professors, the guidance of your mentors, and the encouragement of your peers. You have the network of your alumni, and the power of your own imagination and creativity. You have everything you need to succeed. You have the knowledge, the skills, and the passion to make a difference in the world. You have the potential to be leaders, innovators, and game-changers. You have the power to make the world a better place. So go out there and make it happen. Go out there and change the world. Go out there and make your mark. You have the ability, the talent, and the drive to achieve great things. The world is waiting for you.

Congratulations to the Class of 2023!!!!!!

Message from Director, Sanitation Research Institute (SRI)

Transforming Sanitation

Sustainable sanitation and waste management is core for economic development, with its implementation supporting improved health, well-being, poverty reduction, economic growth and environmental sustainability. In Kenya, addressing the sanitation and waste management menace effectively is important to delivering on Kenya's constitutional right to a clean and healthy environment for all, promoting circular economy to create green jobs and wealth and advancing the nation's sustainable development goals.

However, addressing Sanitation and Waste Management challenges has continuously been a challenge to Governments, more so in developing Countries. At the Global scale, 2.7 billion people are using unimproved sanitation facilities whereas 943 million are practicing open defaecation. In Kenya, 78% of the population are using non-sewered sanitation systems. Moreover, by 2019, 22,000 tonnes of solid waste were being generated per day in Kenya, with numbers expected to increase to 5.5 million tonnes per year. This has not only exacerbated

pollution of surface and ground water leading to increase in sanitation related illnesses but also increased the threat of Climate Change. Moreover, the COVID-19 pandemic demonstrated that sanitation, hygiene and waste management is a first line of defence against COVID-19 and other diseases, such as diarrhoea, cholera and typhoid. Further, health and economics are deeply intertwined, and that investments in health (sanitation, hygiene and waste management) are the necessary foundation for productive, resilient and stable economies, (WHO, 2021)

Effective Sanitation and Waste Management has been increasingly recognized for its critical impacts on health, including as the most important contributor to achieving the World Health Organisations' (WHO) target for 'one billion more people enjoying better health and well-being'. Further, universal access to clean water and sanitation is one of the seventeen Sustainable Development Goals (SDGs) that make up the UN's 2030 Agenda.



Dr. Joy Riungu, Ph.D
Director, Sanitation Research Institute (SRI)

SDG 6 target 2 seeks to achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations by 2030.

The sanitation and waste management challenges experienced have also been accelerated by population growth, lag in technological development, attitude and practices, and lack of technical expertise. Additionally, the management principles of non-

Message from Director, Sanitation Research Institute (SRI)

sewered sanitation are fairly new or unfamiliar, thus a priority call to building regional and country capacity building to support implementation of sustainable sanitation and waste management initiatives. This would provide information and evidence-based interventions to address sanitation challenges.

MUST Sanitation Research Institute (SRI), established in 2021, is an institute dedicated to capacity building and research in sanitation and waste management, and in line with the University vision of being A World Class University of Excellence in Science and Technology and the University mandate of Training, Research, Consultancy and Extension. SRI adopted a multidisciplinary and interdisciplinary approach across Technical, Engineering, Biological, Social, Economic and Cultural aspects among others to cover both

the hardware and software parts of sanitation. To effectively deliver on its mandate, MUST SRI is guided by the following objectives:

- i. To build capacity in sanitation through education and training in sanitation related skills.
- ii. To generate knowledge and technologies through collaborative and/or interdisciplinary research and innovation in sanitation.
- iii. To transfer/disseminate and mobilize knowledge gained through research for the benefit of society.
- iv. To promote seamless flow of sanitation information between the University and the community through participatory outreach, extension and consultancy.
- v. To mobilize resources through research proposal writing, fund raising, grants among others, towards inclusive sustainable sanitation.

SRI has continued to spearhead sanitation and waste management research and capacity building in Kenya. It has established networks and collaborations on teaching, research and supervision with national and international organisations and industrial partners. MUST is also a member of the Global Sanitation Graduate School (GSGS).

SRI congratulates all Master of Science in Sanitation students graduating today. The market driven MUST 1.5 year MSc in Sanitation programme has since, its launch in January 2020, admitted 133 students spread across five cohorts. 75% of these students are employed in various Departments related to water, sanitation and health and include County Governments and Ministry of water and sanitation.

Message from Directorate of Timetabling, Programmes and Learning (TPL)

Come to Learn, Go to Serve

The Directorate of Timetabling, Programs and Learning (TPL) is of prime importance in the University. The Directorate develops and circulates teaching and examination timetables, prepares semester dates and ensures learning takes place as stipulated in the curriculum and in a conducive learning environment. In pursuit of the University's mission and vision in providing quality education and excellence in Science and Technology, the Directorate works closely with other stakeholders in order to deliver on its mandate.

With immense pride as a Directorate, it is our pleasure to congratulate the Class of 2023 on a job well done! May your graduation be a beginning of many more great achievements in your life. In line with the 11th graduation theme; **"Beyond the Horizon: harnessing technology and innovations for infinite possibilities"**, it is our hope and prayer that as you make your way to the world you will cause a revolution in the global market with the knowledge and skills acquired from this renowned institution.



Dr. Stephen Karanja, Ph.D.
Director, Timetabling, Programmes & Learning (TPL)

Message from Directorate of Technical and Vocational Education and Training (TVET)

TVET Building a Community of Innovators

The Directorate offers Competency Based Training and Education (CBET) at Level 6 in several programmes across Business, Engineering, ICT, Agriculture, Applied Sciences, Food Technology, Health Sciences and Pure Sciences. The Directorate of TVET has continued to grow the family of competency based training and education to close the gap between the lecture room learning and practice in the industry. Regular retooling of our dedicated team of

trainers has once again reassured the industry that CBET is the way to transform our teaching-learning process in our learning institutions. Regular exposure of our trainees in the industry has turned into a rewarding endeavor, and confirms that acquisition of new knowledge, technologies and competencies is a life-long journey.

Our transformative agenda has been accomplished through conversion of all Diploma programmes (Level 6)



Dr. Simon Kubaison, Ph.D.
Director, Technical and Vocational Education & Training (TVET)

Message from Directorate of Technical and Vocational Education and Training (TVET)

into practical-based training. Our collaboration with the industry has confirmed that CBET is the best way to make our trainees get absorbed easily in the job market as well as emerge as new job creators. We have further continued to embrace and collaborate with other training institutions in an endeavour to make our University realize the Research, Innovation, Commercialization and Extension (RICE) agenda. The Directorate is now focused on creating a community of innovators. Appropriate technology is the foundation of this endeavor.

To you graduands, this day is a day of celebration, achievement, and new beginnings. This journey you

embarked on, full of hard work, determination, and countless hours of study, has led you to this joyful moment. As you step out into the world, remember that learning is a lifelong journey. Continue to be curious, open-minded, and eager to embrace new experiences. Pursue your dreams with passion, and don't be afraid to set audacious goals. Your education has provided you with a solid foundation, but it's your determination, creativity, and perseverance that will carry you to great heights. Always think about a new way of doing things. Your graduation marks the beginning of a new chapter in your lives, filled with limitless possibilities. You are now equipped not only with knowledge

but also with the skills and values that will help you make a positive impact on the world. As you embark on this new adventure, remember that your alma mater will always be here, a place of learning, growth, and community. Stay connected, continue to seek knowledge, and never stop pursuing your dreams.

Once again, congratulations to the graduating Class of 2023 on your well-deserved success. The world is waiting for your talents, and I have no doubt that you will make it a better place. Embrace the future with enthusiasm, and may your journey be filled with joy, prosperity, and infinite possibilities.



Reuben Marambii Library

From the Library

The library is often referred to as the 'heart of the organization', and particularly so in academic institutions. We are therefore persistently reminded of our mission here: at all times, to satisfy the information needs of our patronage. Indeed we simply say that we are here to 'Empower you through information'. We are therefore most proud that our support to you graduands has culminated to this joyous occasion.

In pursuit of this mission, we have continuously updated our collections both in print and soft. We have embraced ingenious ways of communicating with our young patrons in ways that are easy, engaging and ubiquitous. We have upped our collection development endeavours with new and more responsive databases. We have connected with Faculty to promote visibility of their works in this new era. And all these tasks would not be feasible without us embracing technology and thinking innovatively as this year's theme challenges us to.

We have also been part of the Journal Implementation in collaboration with the Directorate of Research, Innovation, Commercialization and Extension (RICE). The African Journal of Science, Technology and Social Sciences is a multi-disciplinary journal which disseminates research works conducted in the University and beyond. We are cultivating this vibrant forum as a scholarly communications gateway that will serve as an example of best practices in the region on open access and open science practices. To this end, we have already implemented the Open Journal Systems in its administration as well as advanced in adopting best practices in serials management (ISSN and DOI).

In the DreamWorks animation film 'The Croods, a New Dawn' the main character, Guy, is obsessed with finding Tomorrow. For him, Tomorrow is a place. *A place with more suns in the sky than you could count. A place not like today or yesterday. A place where things are better.* And to find that place,



Ms. Ruth Gibendi
Senior Librarian

his parent's last words to him are direct: *Don't hide, Live.* This year's graduation theme challenges you to embrace and innovate so that you can reach your Tomorrow. As you go out there, Class of 2023, remember that you may not reach this destination without courage. You will have to seize it. *Carpe diem*, as they say it. Go forth and create and claim your Tomorrow.

Congratulations Class of 2023!!

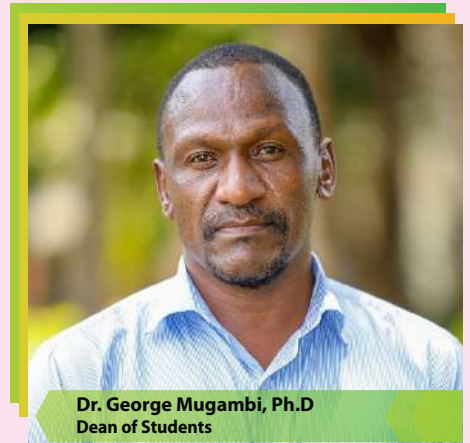
Message from Office of the Dean of Students (DoS)

Be Industrious and Trustworthy in all your Endeavours

We celebrate our graduands of 2023 for having successfully completed your various programmes. You have strived tirelessly and now have attained your dreams. Congratulations on your achievements as you now chart your future careers. Be industrious and trustworthy in all that you endeavor to do, and I wish you happy and productive lives. From the Office of the Dean of Students, we wish to thank the parents, guardians and other stakeholders for your support to the students during their studies at Meru University of Science and Technology. The celebration we witness today is because of your great support and contribution.

The Dean of Students Office is responsible with the social wellbeing of students while at Meru University of Science and Technology. The

office is charged with among others, the responsibility of identifying, advising and assisting those students who are socially and/or economically vulnerable. The office also offers guidance and counselling support to students that may require the service to ensure their well-being. The office works closely with other departments such as Accommodation and Health Services to ensure the health and comfort of the students. It also coordinates other student's social activities such as sports, clubs and societies. The Dean of Students Office forms a link between Students Association of Meru University (SAMU) and the University Management, and also supervises the elections of SAMU leaders. Through SAMU leadership, the students articulate their issues to University management to ensure provision of quality services.



Dr. George Mugambi, Ph.D
Dean of Students

The Office of Dean of Students applaud you as we release you to go serve humanity. You will remain part of us because you are now our alumni and ambassadors. Congratulations to you all; the Class of 2023.

Message from the SAMU Chairperson

Go Forth and Make the World a Better Place

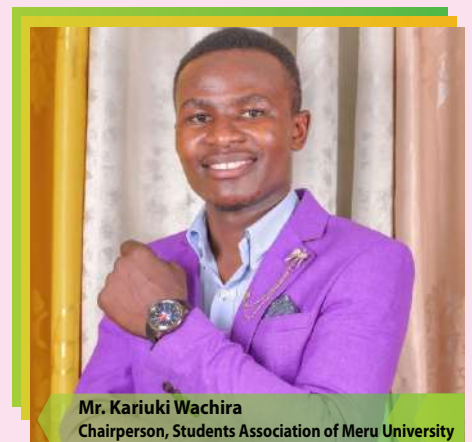
As the Chairperson of the Students Association of Meru University (SAMU), I am filled with immense pride and joy seeing all of you don your graduation gowns and caps. Today marks not just the end of an academic journey, but the beginning of a broader voyage into the world outside our beloved university.

Life beyond the University gates may offer challenges, yet with the resilience, knowledge, and values Meru University of Science and Technology has instilled in you, I am

confident that each of you will shine brilliantly. Your dreams are valid, your aspirations vital, and the world is waiting to witness the change and impact you will bring.

May your paths be illuminated with wisdom and may courage accompany every step you take. Here's wishing you tremendous success, happiness, and fulfillment in all your future endeavors.

Congratulations, Class of 2023!



Mr. Kariuki Wachira
Chairperson, Students Association of Meru University



MUST Partners with TCVC to Launch Luban Workshop Sub-Centre



It was all Pomp and Colour as Meru University of Science and Technology (MUST) celebrated the Launch of the Kenyan Luban Workshop Sub-Centre on Monday, 4th September, 2023 at the Innovation and Entrepreneurship Centre. MUST has collaborated with Tianjin City Vocational College (TCVC) from the People's Republic of China to open a Luban Workshop Sub-Centre at MUST. This initiative has been founded on the shared vision of enhancing technical and vocational education and training in Kenya, a vision that aligns seamlessly with MUST's commitment to fostering international academic partnerships.

is more than just a symbolic gesture; it is a concrete step towards progress and action.

"The name "Luban" Workshop is steeped in history, as it pays homage to Lu Ban, a renowned ancient Chinese carpenter and engineer. Just as Luban was celebrated for his mastery of practical skills, innovation, and engineering prowess, so too does our Luban Workshop focus on instilling these qualities in our students and professionals. It is a place where theoretical knowledge meets hands-on training, where classroom lectures merge seamlessly with laboratory exercises and practical projects. It is a place where we bridge the gap between academia and industry, creating graduates who are not only knowledgeable but also highly skilled and ready to contribute to the challenges and opportunities of our time. Allow me to share another remarkable aspect of the Luban Workshop that makes it even more extraordinary. The Luban Workshop finds its home within the Innovation and Entrepreneurship Centre, a magnificent facility that was generously gifted to Meru University of Science and Technology by our founding Chancellor, Dr. James Mwangi. This state-of-the-art center not only embodies Dr. Mwangi's unwavering commitment to

education and innovation but also serves as an effective hub for great minds to collaborate and nurture ideas aimed at making our world a better place. It is a testament to the power of philanthropy, vision, and dedication to higher education, where innovation thrives, and entrepreneurship flourishes. It is within this dynamic environment that the Luban Workshop will continue to flourish, fostering creativity, innovation, and the spirit of entrepreneurship among our students and professionals.", Prof. Romanus Odhiambo, Vice-Chancellor, MUST.

The event was also graced by the Secretary, Administration in the State Department for Higher Education and Research at the Ministry of Education of Kenya, Mr. Fredrick Ndambuki



Our Vice Chancellor, Prof. Romanus Odhiambo, underscored the significance of this collaboration, emphasizing that it stands as a testament to the joint commitment of MUST and TCVC to elevate technical and vocational education in Kenya. He emphasized that this partnership



MUST Partners with TCVC to Launch Luban Workshop Sub-Centre

who was representing the Principal Secretary in the Ministry, Dr. Beatrice Muganda Inyangala. Mr. Ndambuki said that the Luban Workshop is more than just a physical structure; it is an embodiment of Kenya's commitment to advancing education, technology, and innovation. He added that it is the fruit of collaborative efforts between Meru University of Science and Technology and Tianjin City Vocational College, representing a harmonious fusion of international expertise and local talent.



The event also witnessed the presence of His Excellency Mr. Zhang Yijun, Counsellor of the Embassy of the People's Republic of China in Kenya, who highlighted that this initiative will significantly enhance friendship and cooperation between Kenya and China.

The Luban Workshop will house the Vocational Education Lecture Hall, Silk Road E-commerce, and Information and Communication Technology education programs. These specialized courses aim to equip students and professionals with hands-on skills and knowledge that align with the demands of modern technology.

Prof. Odhiambo emphasized that the Luban Workshop will be a melting pot where theoretical knowledge converges with practical training, bridging the gap between academia and industry. This dynamic learning

environment will produce graduates who are not only knowledgeable but also highly skilled and ready to contribute to contemporary challenges and opportunities.

Furthermore, Prof. Odhiambo envisioned a brighter future for vocational education in Kenya. He said that the goal is to produce graduates who will not only excel in their respective fields but also become integral players in the economic development of Kenya and globally.



TCVC's Deputy Vice Chancellor, Mr. Liu Sheng, expressed confidence that the programs offered at the Luban Workshop will equip students with the skills and knowledge required for the dynamic job market. He lauded the workshop as a bridge between Kenya and China, fostering invaluable knowledge exchange and cultural understanding.

In a heartfelt speech delivered by the Academic Chairperson of the



MUST Council, Mr. Martin Kinoti, on behalf of the Chairperson of the MUST Council, Dr. Jane Wangui Kiringai, the Chairperson celebrated the Launch of the Luban Workshop as a testament to the power of collaboration and partnership. She expressed profound gratitude to Tianjin City Vocational College for their expertise and support, highlighting the workshop as a platform for a deep exchange of ideas and cultures. Dr. Kiringai also extended appreciation to His Excellency Mr. Zhang Yijun, Counsellor of the Embassy of the People's Republic of China in Kenya, for his unwavering support in educational cooperation. She also commended the faculty and staff at MUST for their dedication to nurturing student growth and acknowledged the crucial role played by the Ministry of Education in Kenya. The heart and soul of this initiative, the Chairperson emphasized, are the students and participants of the Luban Workshop, recognizing their enthusiasm and dedication to acquiring practical



skills as truly inspiring.

Other distinguished guests included Ms. Liu Xiaoxia, Deputy Director of Hebei District Government; Mr. Lv Jiahua, Deputy Director of Hebei District Education Bureau of Tianjin, China; Mr. Adam Lane, Deputy Manager of Public Relations of Huawei Technologies Company Limited, Kenya, Ms. Geng Jie, Researcher of Tianjin Academy



MUST: THE RESEARCH HUB

MUST Partners with TCVC to Launch Luban Workshop Sub-Centre



of Educational Science, Prof. Joyce Agalo, Vice-Chancellor of Machakos University and Prof. Peter Mwita, Deputy Vice-Chancellor of Research, Innovation and Linkages at Machakos University. Our Deputy Vice-Chancellor, Academic and Student Affairs,

of the Luban Workshop. Deans of the eight (8) Schools, Directors and students also attended the colourful ceremony. Additionally, it was encouraging to know that faculty and students from Tianjin City Vocational College were actively following the event online, demonstrating the global reach and significance of this collaborative effort between the two institutions.



Prof. Simon Thurairia and Deputy Vice-Chancellor, Administration, Finance and Planning, Prof. Charity Gichuki, expressed immense joy and enthusiasm about the establishment

The inauguration of the Luban Workshop Sub-Centre is a testament to the power of international collaboration in advancing education and skills development, and it marks a significant milestone in the journey towards producing highly skilled professionals in Kenya. With the Luban Workshop, Meru University of Science and Technology has taken a giant step towards fostering a new generation of professionals who will shape the future nationally and globally.



MUST students to spend five (5) months at Van Hall Larenstein, University of Applied Science in the Netherlands



Our Vice-Chancellor Prof. Romanus Odhiambo and the entire project team of the **Food Waste Reduction and Food Quality Living LAB (FORQLAB)** in Avocado value chain in Kenya conducted an orientation for five (5) Masters students who were selected for the FORQLAB Erasmus+ mobility. This will enable the Master of Science students to go on an exchange program to Van Hall Larenstein University in the Netherlands for a period of 5 months. The selection process involved publishing an advertisement for interested applicants that was shared widely through the University website and social media platforms.

The selected students are; Annette Cheptoo (School of Agriculture and

Food Science), Shelef Ochieng' (School of Agriculture and Food Science), Kennedy Manyara (School of Business and Economics), Oscar Wamalwa (School of Business and Economics) and June Sharon Kinoti (School of Pure and Applied Sciences).

Meru University of Science and Technology in conjunction with Van Hall Larenstein, University of Applied Science in the Netherlands are implementing the **FORQLAB** project. The Project team includes: Prof. Romanus Odhiambo (Vice-Chancellor - MUST), Prof. Peter Masinde, Dr. Eric Mworira and Dr. Beatrice Owiti.

Part of the project's objective is to support five (5) postgraduate

students in related programmes to undertake their research and participate in student's exchange programme between the two universities. Meru University of Science and Technology creates national and international linkages offering our students the opportunity to be a part of the constantly evolving global market.

MUST has numerous collaborations and linkages with like-minded organizations which offers great opportunities for MUST students. The MUST management, faculty and staff are guided by the uniting mission to ensure our students receive top-notch quality of service during their educational journey





Lecturers' Breakfast Meeting: The Research Agenda

MUST: THE RESEARCH HUB



The Directorate of Research, Innovation, Commercialization and Extension (RICE) organized a four-day breakfast meeting for lecturers and tutorial fellows in April this year. The event attracted participants from across all the 8 schools; School of Agriculture and Food Science (SAFS), School of Business and Economics (SBE), School of Computing and Informatics (SCI), School of Education (SEd.), School of Engineering and Architecture (SEA), School of Health Sciences (SHS), School of Nursing (SoN) and School of Pure and Applied Sciences (SPAS). The Vice-Chancellor, Prof. Romanus Odhiambo attended the meetings and was accompanied by the Deputy Vice-Chancellor (Academic and Student Affairs), Prof. Simon Thurania and the Ag. Registrar (Academic and Student Affairs), Dr. Stephen Karanja. Speaking during the breakfast meeting, the Vice Chancellor,

Prof. Romanus Odhiambo, emphasized on the mandate of the University; Research, Teaching and Training and Community extension. He further urged staff to always uphold the core values of the University; Competitiveness, Integrity, Innovation, Professionalism and Quality while delivering their services.

The main discussion of the meeting was **The Research Agenda** in the following areas;

Publications

The DVC ASA, the Registrar ASA and the Library department shared insights on publications. There was a call from the Senior librarian, Ms. Ruth Gibendi, encouraging all members of staff to create an ORCID and Google Scholar accounts and ensure that their publications are indexed by Google. There are a number of reasons why Google Scholar may fail to index one's

publication and they are but not limited to: name disambiguation and publishing in predatory journals.

Board of Post Graduate Studies (BPS)

The Director of the Board of Postgraduate Studies, Prof. Eustace Mwenda, encouraged the Deans and Heads of Department to ensure that postgraduate students share their quarterly reports to the Directorate.

Grants

MUST has renewed its subscription to a site where research opportunities are being shared. MUST encourages staff members to create accounts in the Research Beeline and actively apply for the external grants. The Directorate of RICE will offer any support required.



Faculty and Students from HAS Green Academy visit MUST



Meru University of Science and Technology (MUST) through the **Food Waste Reduction and Food Quality Living LAB (FORQLAB)** in Avocado value chain in Kenya project is working with several Universities in the Netherlands, one of them being HAS University of Applied Sciences recently renamed HAS green academy. In May 2023, five (5) students and two (2) lecturers from HAS were in Kenya as part of the project research activities. The five students included: Nicholas Burger, Maureen Lile van den Berg, Dafa Dana Witoelar, Tijn Johannes van Staalduinen, and

Sander Duijghuisen. The two visiting lecturers; Eleonora Magdalena van Hapert and Bertken Margaretha de Leede.

The students are carrying out research on the avocado value chain and mainly researched with the Nandi cooperative society to look at food loss in that value chain and also explored a working financial model for the chain. They were able to make several recommendations which include; using the avocado to make other products such as oil for both domestic use and cosmetic use, educating farmers on best

practices, sensitizing farmers to avoid exploitation from middlemen, informing farmers' cooperatives on the possibility of signing contracts with both farmers and exporters, among other measures.

The team from HAS also joined 5 students from MUST Namely: June Sharon Kinoti, Annette Cheptoo, Oscar Wamalwa, Shelef Ochieng' and Kennedy Manyara to present concept papers for their studies. The collaboration between the students and the lecturers continues.





MUST wins Mozilla Grant

Meru University of Science and Technology (MUST) recently won a grant of USD \$25,000 from Mozilla: Kenya's inaugural cohort of responsible computing challenge. MUST is among eight (8) Universities that received the grant. The eight universities will be the first group of grantees in the country since Mozilla announced that the initiative would expand to Kenya and India with support from the United States Agency for International Development (USAID).



"The eight awardees have proposed projects that will embed ethics and holistic thinking into their Computer Science curricula, for the increased benefit of their students and society at large. Students who engage with these curricula will inculcate responsible thinking in their innovations as they join the workforce as developers and entrepreneurs." Dr. Chao Mbogho,

Responsible Computing Challenge (RCC) Fellow, Kenya. The winning team from MUST consists of Dr. Mary Mwadulo (Principal Investigator and Chairperson of the Computer Science Department), Dr. Amos Chege (Coordinator, Innovations & Entrepreneurship and Lecturer, Computer Science Department) and Antony Irungu (Lecturer, Computer Science Department).

MUST hosts guests from the Netherlands in the E-pivot project



Ms Jacqueline Tellings Broerse. Senior Policy Advisor Civil Society and Education Division at the Higher Education and Knowledge Collaboration Department of Social Development within the Ministry of Foreign Affairs, Netherlands and Mr. Armand Gaikema, Nuffic Regional Programme Manager with Meru University of Science and Technology (MUST) officials; Prof. Simon Thurania, Deputy Vice-Chancellor (Academic and Student Affairs), Mr. Daniel Maitethia, Lecturer in the School of Pure and Applied Sciences and Prof. Joshua Arimi, Associate Professor in the School of Agriculture and Food Science during the visit to monitor NUFFIC funded e-PIVOT projects.

Ms Jacqueline Tellings Broerse. Senior Policy Advisor Civil Society and Education Division at the Higher Education & Knowledge Collaboration Department of Social Development within the Ministry of Foreign Affairs, Netherlands planting a tree at MUST.



MUST hosts guests from the Netherlands in the E-pivot project

MUST: THE RESEARCH HUB



Mr. Armand Gaikema, Nuffic Regional programme manager, planting a tree at MUST.



Rainwater harvesting system funded by NUFFIC



Mr. Daniel Maitethia, the technical expert in e-PIVOT water project, taking Mr. Armand through the operation of the mobile smart irrigation system. In the background is 1 million litres water pan and storage tanks funded by NUFFIC through e-PIVOT water project.



Visit to MUST Agricultural Innovation Hubs.



MUST: THE RESEARCH HUB

MUST hosts guests from the Netherlands in the E-pivot project



Mr. Jacob Gitonga the Principal Kenya Water Institute (KeWI) Chiakariga Campus taking the team through the investments acquired through the e-PIVOT water project. In the background is 100,000 litres rain water storage tanks.



Although KeWI majors in water, they have initiated horticultural activities thanks to e-PIVOT projects.



Mr. Armand Gaikema is taken through the water and Soil testing equipment procured through e-PIVOT projects.

Weather station at KeWI Chiakariga campus. Funded by NUFFIC through e-PIVOT water project.



Visiting one of the collaborating TVET colleges that is Tharaka Technical and Vocational College. In the background is a greenhouse funded by NUFFIC through e-PIVOT projects.

MUST hosts NRF for a capacity building workshop



Meru University of Science and Technology (MUST) hosted National Research Fund (NRF) officials at the Main Campus in July 2023. The officials from NRF, Robert Gicheru (Assistant Director, Resource Mobilization and Partnerships), Dr. Joyce Ngure (Assistant Director of Research) and Najma Salim (Finance) were at the University for a Capacity Building Workshop to sensitize MUST staff on Proposal Writing and Grants Management focused on "The Universities' Research, Innovation, Commercialization, and Extension Agenda."

The workshop was officially opened by the Vice-Chancellor, Prof. Romanus Odhiambo. "This workshop holds profound significance as it aligns with the Kenyan government's vision of the Bottom-up Transformation Agenda, the African Agenda 2063, and the Sustainable Development Goals. We are here today to collectively contribute to the realization of these



ambitious agendas by equipping our faculty and staff with the necessary skills and knowledge to drive research, innovation, commercialization, and extension activities in their respective fields. I would like to express our sincere gratitude to the National Research Fund (NRF), a vital government body in Kenya. Established with a profound mandate to mobilize, allocate, and manage financial resources, the

National Research Fund has played an instrumental role in fostering an effective national innovation system. It is through the NRF's efforts that we are able to create the knowledge and innovations necessary to fuel our nation's growing economy." Prof. Romanus Odhiambo.

The workshop brought together faculty members from various schools within MUST, representing a diverse range of disciplines. There were representatives from the Schools of Agriculture and Food Science (SAFS), Business and Economics (SBE), Computing and Informatics (SCI), Health Sciences (SHS), Education (SEd), Engineering and Architecture (SEA), Nursing (SoN), Pure and Applied Sciences (SPAS) and the University Library. The presence of this interdisciplinary group truly reflected the importance and breadth of the research, innovation, commercialization, and extension agenda MUST aims to pursue.





Cultivating Global Connections

MUST: THE RESEARCH HUB



On 11th September, 2023, Meru University of Science and Technology hosted a delegation of esteemed visitors from Utsunomiya University, Japan. The visiting delegation included prominent members who are deeply involved in the Inter-University Exchange project: **“Programme for Developing Human Resources to Contribute to SDGs by Merging African Potential and Japanese**

Scientific Technology.” The visitors were received by our Vice Chancellor Professor Romanus Odhiambo together with MUST faculty staff involved in the Inter-University Exchange Program.

The Inter-University Exchange project commenced on 24th March 2021 with participants from Utsunomiya University (Japan) and six (6) African Universities. Thus far the program has conducted three (3) virtual Global Management Courses, two (2) Joint

Student summits, and ten (10) Web symposia in which our students and faculty have participated. In addition, we have had Inter-University exchange of faculty and staff. During the visit, the two Universities agreed on enhancing the existing patnership through Joint Education and Research.



Interactive session with the Utsunomiya University UU-A team, MUST faculty staff, and MUST postgraduate students.

Cultivating Global Connections

MUST: THE RESEARCH HUB



Global Management Course participants posing a photo with the Vice-Chancellor-MUST, Utsunomiya University UU-A team, and MUST faculty staff actively involved in the Global Management Course.



Global Management Course top students: Ms. Elsa Gatwiri [2021], Ms. Daisy Kiprono [2022], and Ms. Emmah Mwende [2023]. Ms. Emmah Mwende, a second-year Master's degree student in Sanitation will embark on a short-term stay at Utsunomiya University, Japan.



Joint Student Summit top student-MUST, Ms. Amwoma Lorraine Moindi



The President Utsunomiya University (center) with faculty and students from the participating Universities in the Inter-University Exchange program during a visit to Utsunomiya University in March 2023



Dr. Cynthia Mugo presenting MUST-branded gifts to the President Utsunomiya University



Ms. Daisy Kiprono [MSc. Molecular Biology Student-MUST], carrying out her research work at Utsunomiya University, Japan. Daisy was awarded a one-year scholarship to study and complete her research project at Utsunomiya University, Japan, owing to her outstanding performance in the Global Management course in 2022.



Through the Inter-University Exchange programme joint research collaborations are on-going



MUST Alumni win USAID Grant

MUST: TRAILBLAZERS



Saniwise toilet is an innovation by six youth among them, Vera Ouko and Vallary Oyoo, both Master of Science in Sanitation graduates from Meru University of Science and Technology (MUST). Vera and Vallary graduated during MUST's 10th graduation Ceremony on 11th March, 2023 and were in the 1st cohort of the Msc. in Sanitation.

Having experienced sanitation challenges in the informal settlements of Kisumu, it has been their dream to be part of the solution to these challenges. This was propelled even further by the insight they got having been beneficiaries of the Masters of Science in Sanitation program at Meru University of Science and Technology.

Saniwise toilets are an ecologically and financially feasible modern sanitation technology. The toilet is a urine diverting toilet with a urine drier that converts urine into manure. The toilet is a convertible black soldier fly or bio digester model, which employs a circular economy approach where faecal nutrients are recovered resulting in a high nutrient bio fertilizer and a larval biomass that can be used in Agriculture. In addition, the toilet super structure is made of 90% recycled plastic to curb the plastic menace in the environment, making the toilet affordable to the urban poor.

The toilet was 1st runners up at the UNICEF GenU competition at Cop-27. Recently, the toilet was among the innovations selected for grant by the United States Agency for International Development Western

Kenya Sanitation Project (USAID, WKSP).

"We appreciate the mentorship that we have continued to receive especially from Dr. Joy Riungu. We are looking forward to future partnerships on sanitation technology research and innovations." Vera Ouko

Dr. Joy Riungu is the Director of the Sanitation Research Institute (SRI) at Meru University of Science and Technology which was established in September 2019. She has also served as the Dean, School of Engineering and Architecture at MUST, and successfully completed two terms (2016-2020). SRI is host to a bio-resource based approach to Sanitation which was listed by UN-Habitat as a Top 20 Innovative Solution in September 2019. Last year, Dr. Riungu demonstrated Excellence by being the recipient of the **DISTINGUISHED ALUMNI AWARD 2022** IHE Delft Institute for Water Education in the Netherlands.

Through the efforts of Dr. Riungu, MUST became part of the Global Sanitation Graduate School (GSGS). Under a IHE funded program, since January 2020, 342 students have been trained across various programs; Master of Science in Sanitation, Graduate Professional Diploma Programme (GDPD) as well as Short courses in Sanitation. Partial scholarships have also been available for these programs.

The MUST family **CELEBRATES** our Alumni Vera Ouko and Vallary Oyoo.



Saniwise toilet in Nyalenda Kisumu

NEXAN - MUST Alumni establish a Global Gaming Company



Nexan is a Company that is in the global gaming industry. A few years ago, within the bustling corridors of Meru University of Science and Technology (MUST), a tight-knit circle of visionaries began crafting the blueprint for what would become one of the gaming industry's most innovative enterprises. Today, their brainchild, Nexan, stands tall as a beacon of innovation and a testament to the power of determination, camaraderie, and a shared dream.

At the heart of this dynamic endeavor stand a quartet of exceptional individuals, each wielding a unique set of skills and a shared vision that shapes the destiny of Nexan. Leading the charge is Francis Obunyali. As the Chief Executive Officer, he steers the ship with a blend of strategic foresight and unyielding determination, charting a course towards unexplored territories. Other team members at Nexan are Kevin Gati (Chief Operations Officer), Felix Chacha (Chief Financial Officer) and Fredrick Omollo (Chief Technology Officer). Francis, Felix and Kevin are Alumni of Meru University of Science and Technology. Francis and Felix pursued a Bachelor of Science in Computer Security and Forensics. Kevin pursued a Bachelor of Business Information Technology.

Francis Obunyali describes his long-standing passion for innovation, the values he lives by and offers encouragement to

young innovators:

1. How did you transition from a University graduate to a budding innovator with products and services within the global gaming industry?

The transition from University graduates to innovators in the global gaming industry was driven by our passion and skills in block chain and Information Technology. We identified a gap in the market and aimed to be unique in the approach, which led to the establishment of Nexan.

2. What informed your decision to take up Bachelor of Science in Computer Security and Forensics?

This was as a result of taking Computer studies at high school. I developed interest in I.T. related field and as a result I made the decision to pursue Bachelor of Science in Computer Security and Forensics.

3. What does the MUST Innovation and Entrepreneurship Centre (IEC) mean to you?

The MUST Innovation and Entrepreneurship Center at the University provides students with opportunities for hands-on tech-related research, innovation, and entrepreneurship. It encourages creativity, offers skill development and connects students with industry experts, fostering a dynamic learning environment and potential career advancement

4. Tell us about any memorable projects or collaborations you had during your time at Meru University of Science and Technology that you

feel were particularly impactful on your current work?

There was a notable increase in collaborations between students and the Google Student Development Club. These partnerships significantly contributed to the enhancement of our career programs and skill development.

5. As a Team Lead, what are the key values and principles that you believe have contributed to the success of your company?

Clear vision, fostering innovation, embracing adaptability, managing risks, staying passionate, and practicing social responsibility. Transparency, hard work and resilience.

6. You attended the Inaugural MUST Innovation and Exhibition Week (MUSTIEW 2023). Give us your experience of the event.

This was an amazing opportunity for both exhibitors and capital ventures to network and also gain experience from one another. I was happy to see how the University has grown in terms of Innovation and Entrepreneurship

7. How do you ensure that your team stays at the forefront of technological advancements in the gaming industry?

- **Networking:** Engage with peers and developer communities.

- **Continuous Learning:** Encourage a culture of learning and development.

- **Technology Partnerships:** Collaborate with tech providers and manufacturers.



NEXAN - MUST Alumni establish a Global Gaming Company

MUST: TRAILBLAZERS



• **Research and Development:**
Allocate resources for Research and Development to drive innovation

8. Looking back on your journey from the University to leading a successful gaming company, what advice would you give to aspiring game developers and entrepreneurs who are just starting their careers?

- Collaborate with diverse teams.
- Showcase your work in a Portfolio.
- Gain basic Business Acumen.
- Build a network through Networking.
- Plan your Monetization Strategy wisely.
- Cultivate Resilience in facing challenges.
- Develop a Unique Vision.
- Be adaptable to industry changes.
- Embrace Passion and Perseverance
- Start Small and build your confidence
- Stay True to your Core Values and

vision.

9. How can a graduate set themselves apart in a competitive industry?

- Attend industry events, conferences, and seminars to build a professional network.
- Tailor job applications to highlight relevant skills and experiences.
- Gain practical experience through internships and entry-level positions.
- Develop soft skills like communication and adaptability, alongside technical expertise.
- Create a portfolio to showcase your capabilities effectively.
- Seek out mentors in your industry for guidance.

10. Do you have any upcoming projects or initiatives that your Company is particularly excited about?

Yeah, we are excited about our next project which is combining gaming

and blockchain. This will enable gamers be able to keep and also earn crypto from their gaming profiles. We are also going to enhance play to earn where gamers not only have fun when playing but they can also earn from the activity. This will be through in-game token that we are going to create.

11. Where can we get Nexan's games?

You can find Nexan's games on our websites at nexan.org and nexan.institute, and you can also explore the game "Sponge Pop" on the Play Store.

12. Parting shot

Dream big, innovate boldly, and leave your mark on the world. Learn to differentiate between employee, entrepreneur, business person and an investor.



The inspiring journey of MUST Alumnus Hillary Atindah



In the realm of Technology, there are those who merely follow trends, and then there are visionaries who carve their own path, leaving an indelible mark on the industry. Atindah George Hillary, an illustrious alumnus of Meru University of Science and Technology, stands firmly in the latter category. With a Degree in Bachelor of Business Information Technology (BBIT) conferred in 2021, Atindah emerged from the halls of MUST equipped not just with knowledge, but with a burning passion to reshape the technological landscape.

Hillary is currently working with The Lewa Wildlife Conservancy as a Finance Trainee and I.C.T. Support. His main contribution is working with the Finance and I.C.T. departments to ensure efficiency and a mission driven role in synchronizing financial reports, donor analysis and reporting, ERP System Maintenance as well as taking part in various activities such as partnerships and the organization's events.

1. Tell us about your journey at Meru University of Science and Technology.

My four years at Meru University were very pivotal in molding me in all dimensions from skillset advancement, purposeful networking, spiritual formation and a great impact to the surrounding community.

2. Reflecting back on your time at the University, were there any specific projects or experiences that had a significant impact on your career development.

Being part of the Innovators Club, Chiring Peace Ambassadors Kenya - MUST Chapter as well as the Catholic Action I was able to significantly impact my personal development as well as the community. These projects included; incubation of various projects in Internet of Things (IoT), organizing various community service activities and spiritual mentorship

3. You recently participated in the University's Inaugural Innovation and Exhibition Week (MUSTIEW 2023). Share

with us your experience.

I got to witness the great progress MUST has made in Innovations and Entrepreneurship. This was evident in the diversity of ideas presented by the students. I also experienced the great opportunity that MUST has in purposeful partnerships more so in biodiversity conservation which by working together we can explore for a greater sustainable impact.

4. How did your University experience prepare you for the work you're currently doing in Wildlife Conservancy and Mentorship programs?

The ability to embrace team work, have strong and effective communication skills, design thinking, innovative and analytical skills has really contributed in developing my full potential. I am also able to work beyond my finance responsibilities to participate in various areas like conservation and Science, Technology, Engineering and Mathematics (STEM) education for a more sustainable society.

5. Since graduating from MUST, share with us any specific achievements or projects you've been part of that you're particularly proud of.

I have been able to work on various successful projects for social impact like girlchild empowerment Education with I Choose Life Africa (NGO), worked with UNHABITAT, Team member of a STEM Based organization working towards building a resilient generation of innovators in marginalized areas. I have also been part of the team organizing the annual Lewa Safari Marathon networking with various international personalities.

6. Being an Alumnus of MUST, what advice would you give to a prospective student on studying here?

Allow yourself to be diverse beyond your line of study, embrace effectively opportunities offered in MUST, have a constructive network and most importantly start building that innovation now!!! You have the potential, support and networks to leverage. Go for it.

7. Looking ahead, do you have any goals or aspirations for your career in the coming years?

My main goal is to leverage technology in creating a sustainable and self-reliant society through Capacity building and Education.

8. Parting shot.

My sincere gratitude to Meru University of Science and Technology for providing a holistic environment and creating a foundation for innovation towards achieving world excellence.

Congratulations to the graduating Class of 2023!!



Must Home of Sports Champions



The Woodball Team from Meru University of Science and Technology who represented not only Meru University of Science and Technology but also the Kenya National Team for the Malaysia 3rd Beach Woodball World Cup held in Malaysia from 26th July to 1st August this year.

From Right is Emmanuel Kimutai Sigei (Bachelor of Science in Information Technology Graduand), Rose-lyne Njeri (Bachelor of Business Information Technology Graduand), Cynthia Limin (Bachelor of Science in Health Records and Information Management, Year 4), Paul Maorwe (Bachelor of Education Arts - Mathematics and Computer Science), Collins Kiprono (Bachelor of Science in Information Technology Graduand). Collins Kiprono and Emmanuel Kimutai managed to be position Three worldwide in Fairway doubles men competition and scooped the Bronze medal.





Must Home of Sports Champions



Darts Women National Champions Team:
Mary Wangari (Bachelor of Science in Information Technology graduand), Mirriam Ndanu (Bachelor of Education Science in Mathematics and Physics graduand) and Getrude Adisa (a fourth year student)



Darts Men National Champions team:
from left to right: Macharia Isaac, Dominic Muriuki, Ian Mburu and Leon Murithi



Doris Kimani
The East Africa Champion in Discus and Shotput



MUST Darts Women Team, East Africa Overall Champions

ACADEMIC PROGRAMMES

JANUARY, MAY AND SEPTEMBER INTAKES ONGOING

Meru University of Science and Technology (MUST) invites applications from qualified candidates for the programmes indicated below. Our intakes are in January, May and September of every year

SCHOOL OF AGRICULTURE AND FOOD SCIENCE (SAFS)

Postgraduate Programmes

Ph.D. in Agricultural Science
Ph.D. in Food Science
Master of Science in Horticulture
Master of Science in Agriculture
Master of Science in Food Science and Technology

Undergraduate Programmes

Bachelor of Science in Agribusiness Management
Bachelor of Science in Agriculture
Bachelor of Science in Animal Health and Production
Bachelor of Science in Agricultural Education and Extension
Bachelor of Science in Horticulture
Bachelor of Science in Food Science and Technology
Bachelor of Science in Food Science and Management
Bachelor of Science in Food Science and Nutrition
Bachelor of Science in Crop Protection
Bachelor of Science in Hospitality and Tourism Management

SCHOOL OF BUSINESS AND ECONOMICS (SBE)

Postgraduate Programmes

Ph.D. in Business Management - Specializations: Finance, Strategic Management, Marketing, Procurement and Logistics, Human Resource Management, Project Management, Entrepreneurship
Master of Business Administration (MBA) - Specializations: Accounting, Finance, Marketing, Strategic Management, Human Resource Management
Master of Science in Entrepreneurship
Masters of Science in Finance
Masters of Science in Supply Chain Management

Undergraduate Programmes

Bachelor of Commerce
Bachelor of Procurement and Logistics Management
Bachelor of Business Administration
Bachelor of Science in Economics
Bachelor of Science in Finance
Bachelor of Science in Human Resource Management
Bachelor of Science in Applied Accounting
Bachelor of Science in Economics and Statistics

KASNEB COURSES

Certificate in Accounting and Management Skills (CAMS)
Accounting Technicians Diploma (ATD I, II and III)
Certified Public Accountant / Certified Public Secretary -
Sections 1 - 6
Certified Investment and Financial Analysts (CIFA) -
Sections 1 - 6

Procurement Professional Courses

Associate in Procurement and Supply of Kenya (APS-K) - Level I and II
Certified Procurement and Supply Professional of Kenya (CPSP-K)
Certified Human Resources Professional

Accounting Packages

QuickBooks, Pastel, Sage

SCHOOL OF COMPUTING AND INFORMATICS (SCI)

Postgraduate Programmes

Ph.D. in Computer Science
Masters in Computer Science
Masters of Science in Information Technology
Master of Science in Data Science

Undergraduate Programmes

Bachelor of Science in Computer Science
Bachelor of Science in Computer Technology
Bachelor of Science in Information Science
Bachelor of Business Information Technology
Bachelor of Science in Information Technology
Bachelor of Science in Computer Security & Forensics
Bachelor of Science in Data Science
Bachelor of Communication and Journalism

SCHOOL OF ENGINEERING AND ARCHITECTURE (SEA)

Postgraduate Programmes

Ph.D. in Sanitation and Waste Management
Master of Science in Sanitation

Undergraduate Programmes

Bachelor of Technology (Electrical and Electronic Engineering)
Bachelor of Technology (Mechanical Engineering)
Bachelor of Technology (Civil Engineering)
Bachelor of Science in Sanitation and Waste Management

SCHOOL OF EDUCATION (SED)

Postgraduate Programmes

Ph.D. in Education
Master of Education in Planning and Economics (M.ED P & E)
Master of Education in Management and Leadership (M.ED Mgt & L)
Post Graduate Diploma in Education (PGDE)

Undergraduate Programmes

Bachelor of Education (Science)
Bachelor of Education (Arts)
Bachelor of Education Technology (Civil Engineering)
Bachelor of Education Technology (Electrical and Electronics Engineering)
Bachelor of Education Technology (Mechanical Engineering)

SCHOOL OF HEALTH SCIENCES (SHS)

Postgraduate Programmes

Ph.D. in Epidemiology
Ph.D. in Public Health
Ph.D. in Molecular Medicine
Master of Science in Medical Education
Master of Science in Epidemiology
Master of Science in Public Health

Undergraduate Programmes

Bachelor of Science in Public Health
 Bachelor of Science in Community Health and Development
 Bachelor of Science in Health Records and Information Management
 Bachelor of Science in Clinical Medicine and Community Health
 Bachelor of Science in Medical Laboratory Science
 Bachelor of Science in Medical Microbiology
 Bachelor of Science in Human Nutrition and Dietetics

SCHOOL OF NURSING (SoN)**Postgraduate Programmes**

Master of Science in Nursing

Undergraduate Programmes

Bachelor of Science (Nursing)
 Bachelor of Science in Health Systems Management
 Bachelor of Science in Midwifery
 Bachelor of Science (Nursing) Upgrading Programme

SCHOOL OF PURE AND APPLIED SCIENCES (SPAS)**Postgraduate Programmes**

Ph.D. in Entomology
 Ph.D. in Mathematics
 Master of Science in Applied Statistics
 Master of Science in Applied Mathematics
 Master of Science in Molecular Biology
 Master of Science in Entomology
 Master of Science in Environmental Science and Resource Management
 Master of Science in Chemistry - Specializations: Analytical/Environmental Chemistry, Materials Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry
 Master of Science in Physics - Specializations: Environmental Physics, Electronics & Instrumentation, Theoretical Physics, Astrophysics and Condensed Matter Physics
 Master of Science in Pure Mathematics
 Post Graduate Diploma in Applied Statistics
 Post Graduate Diploma in Applied Mathematics
 Post Graduate Diploma in Pure Mathematics

Undergraduate Programmes

Bachelor of Science in Statistics
 Bachelor of Science in Actuarial Science
 Bachelor of Science in Mathematics and Computer Science
 Bachelor of Science (Physical Science): Options: Chemistry or Physics
 Bachelor of Science (Biological Science): Options: Biochemistry, Biotechnology, Microbiology, Entomology, Parasitology, Plant Sciences
 Bachelor of Science in Environmental Science and Resource Management
 Bachelor of Science in Biotechnology
 Bachelor of Science in Biochemistry
 Bachelor of Science (Chemistry)
 Bachelor of Science (Physics)
 Bachelor of Science (Mathematics and Physics)
 Bachelor of Science (Mathematics)

TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING (TVET) PROGRAMMES**Diploma Programmes**

Diploma in Animal Health and Production
 Diploma in Agriculture
 Diploma in Horticultural Production
 Diploma in Agricultural Extension
 Diploma in Agripreneurship
 Diploma in Food Science and Technology
 Diploma in Business Management
 Diploma in Supply Chain Management
 Diploma in Project Management
 Diploma in Human Resource Management
 Diploma in Marketing
 Diploma in Social Work and Community Development
 Diploma in Information Technology
 Diploma in Information Communication Technician
 Diploma in Mechatronic Technology
 Diploma in Automotive Engineering
 Diploma in Mechanical Production Technician
 Diploma in Electrical Engineering
 Diploma in Civil Engineering
 Diploma in Building Technician
 Diploma in Construction Management
 Diploma in Welding and Fabrication
 Diploma in Sales and Marketing
 Diploma in Mechanical Engineering (Construction Plant Option)
 Diploma in Mechanical Engineering (Production Option)
 Diploma in Food and Beverage Production, Sales and Service Management
 Diploma in Information Science
 Diploma in Banking Technology
 Diploma in Water and Sanitation Engineering
 Diploma in Applied Biology
 Diploma in Environmental Science and Technology
 Diploma in Nutrition and Dietetics
 Diploma in Catering and Accommodation Management
 Diploma in Analytical Chemistry
 Diploma in Fashion Design and Clothing Technology

Certificate Programmes

Certificate in Animal Health and Production
 Certificate in Agriculture
 Certificate in Agripreneurship
 Certificate in Agriculture Extension
 Certificate in Horticultural Production
 Certificate in Food Technology
 Certificate in Food and Beverage (Sales and Service Management)
 Certificate in Business Management
 Certificate in Human Resource Management
 Certificate in Social Work and Community Development
 Certificate in Supply Chain Management
 Certificate in Information Technology
 Certificate in Automotive Engineering
 Certificate in Electrical Operation (Power Option)
 Certificate in Building and Construction

To Apply Online;

Visit admission.must.ac.ke

THANK YOU NOTE

The Meru University of Science and Technology (MUST) community appreciates the kind support of various stakeholders towards our 11th Graduation Ceremony including:

1. Ideal Security Services Ltd.
2. Mutindwa Chemist Ltd.
3. Talent Travel and Tours Ltd.
4. Kenya Police Service and other National Government Security Agencies



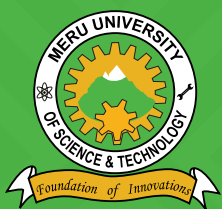
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Meru Town Campus - towncampus@must.ac.ke
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g www.must.ac.ke

Campuses and Learning Centre:

- MUST Main Campus (Nchiru) - 15 km from Meru Town along the Meru-Maua Highway
- MUST Meru Town Campus - Hart Towers
- Marimba Learning Centre



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