

SPIRIT

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MUT - my first choice!



STUDY TOWARDS CAREER-FOCUSED QUALIFICATIONS

FACULTY OF ENGINEERING codes and qualifications

MN-M-DCE Diploma: Chemical Engineering
MN-M-DCV Diploma: Civil Engineering
MN-M-DSV Diploma: Survey
MN-M-DBU Diploma: Building
MN-M-DEE Diploma: Electrical Engineering
MN-M-DME Diploma: Mechanical Engineering

MINIMUM SUBJECTS REQUIRED:

English | Maths | Physical Science
All at 50% and above
Further departmental screening processes

FACULTY OF NATURAL SCIENCES codes and qualifications

MN-M-BE4 Bsc - Environmental Health
MN-M-BLS Bsc - Medical Laboratory Sciences
MN-M-DAG Diploma: Agriculture
MN-M-DBD Diploma: Biomedical Technology
MN-M-DAN Diploma: Analytical Chemistry
MN-M-DIT Diploma: Information Technology
MN-M-DCN Diploma: Nature Conservation
MN-M-DCX Diploma: Community Extension

MINIMUM SUBJECTS REQUIRED:

English | Maths | Maths Literacy | Physical Science | Life Sciences | Agricultural Science
Further departmental screening processes

FACULTY OF MANAGEMENT SCIENCES codes and qualifications

MN-M-DAT DIPLOMA: ACCOUNTING
MN-M-DMN DIPLOMA: COST & MANAGEMENT ACCOUNTING
MN-M-DFP DIPLOMA: FINANCE & ACCOUNTING (PUBLIC)
MN-M-DHR DIPLOMA: HUMAN RESOURCES MANAGEMENT
MN-M-DMM DIPLOMA: MARKETING
MN-M-DOT DIPLOMA: OFFICE MANAGEMENT & TECHNOLOGY
MN-M-DPU DIPLOMA: PUBLIC ADMINISTRATION

MINIMUM SUBJECTS REQUIRED:

English | Maths | Maths Literacy | Accounting
Minimum of 25 points and further departmental screening processes

HOW TO APPLY TO MUT

All first year applications are submitted through the Central Applications Office (CAO).
Apply online www.cao.ac.za before 30 September.

Mid-year intake only available for the Faculty of Engineering.
Apply online www.cao.ac.za before 31 May.

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Let us marvel at the transformation of our University

From the desk of the Editor-in-Chief

As 2019 draws to a close, the time has come to reflect on what has happened in the last 11 months or so. Looking back is something people do all the time; it gives a sense of purpose and reconnection to the past. Some people look to the past to examine if the goals they set for the year have been achieved. This assists them in resetting their aims for the future, having learnt some valuable lessons.

We at MUT are no exception. At the beginning of the year, we set ourselves some big goals that we knew would define the future of our University. We found a willing partner in the newly appointed Vice-Chancellor, Dr Enoch Duma Malaza, who galvanised staff through a series of meetings in which he informed staff and students of his vision for the University's next five years, and asked them to contribute to shaping it. In this way they could 'own' the future of the Institution and be even prouder of its continued contribution to the development of its immediate communities and those further afield. Dr Malaza sold his vision with great success, and it has become the lens through which staff and students will navigate the future.

One of the goals we set ourselves was to use our 40th birthday celebrations to thank all those who have contributed to the wellbeing of the University over the years. The celebration events, and those who attended them, were a clear indication of how successful the University has been in delivering on the vision of its Founder, Prince Mangosuthu Buthelezi. What is even more exciting is knowing the grand plans that have been put together to take the University into the future. The thread that connects all these plans is the radical transformation that is happening at the University as we speak, and which is reflected in this publication, the MUT Spirit. As its title suggests, the MUT Spirit exists to reflect the spirit that has been sweeping across the University since 2011 as it takes on a transformed 'look and feel'.



Mbalé Mkhize

The articles in this edition boldly portray the new colours, the new logo, and the vibrant spirit with which the University is stepping into the future. While it has taken some time for MUT to transform since it and other former technikons received "university of technology" status, we can take pride in the fact that we have learnt a great amount over the years. The waiting has not been in vain! We are sure that as you read this magazine, you will appreciate the efforts of all our staff and students who have made it their main goal to help transform the University, positioning it to make a much bigger impact and take its rightful place among other institutions of higher learning, particularly the universities of technology. We are thankful of all staff members on this journey, both old and new. Dr Bhekabantu Ntshangase, Dr Jerome Mabaso, Kenyatta Makhoba, Sboniso Mthembu and Malindi Xala are some of our recent appointees who have said on several occasions that they wanted to assist in driving the transformation agenda of the University. All these colleagues have seen MUT as a star to which they should hitch their wagons. We know for sure that the transformation taking place at MUT will be a defining feature of 2020 and beyond, and will play a vital role in transforming the South African society and impacting the world.



From the Office of the Vice-Chancellor

“Life begins at 40”

was a catch phrase used as we celebrated our 40th anniversary in June. I must commend the University for keeping the 40th momentum going through various interfaces and touchpoints, culminating in the gains we have made just before the end of the year. I acknowledge all the work of the individuals who intentionally kept us reminded about our 40th anniversary. MUT is indeed at a crossroad in its history. I was overjoyed when I attended the MUT Research Day on 22 November to see the rising number of PhD attainments, rating of our researchers and research output. Congratulations to all the men and women who have contributed directly and indirectly to the growth of our research output.

A new chapter for MUT begins now, post its 40th celebrations and reflections. The new chapter starts with many significant firsts for MUT. The approval of the new 'look and feel' by Council is a significant milestone. Likewise, the approval of the MUT Strategy 2020-2025 heralds a shift from the way we have been doing things. There has been much talk about “MUT Strategy 2025” by many of us in executive leadership and senior management. The baton is now in your hands. How will you help MUT achieve its strategic goals come 2025?

What excites me most about the new MUT chapter is that we enter our fifth decade clothed in a new look and feel, proudly rooted in Umlazi and aware of the challenges most likely to be faced by our students and neighbouring communities in the Fourth Industrial Revolution. We enter this fifth decade with great hope that we will make a difference to the students we teach, the people of Umlazi, South Africa and the world. We have made provision for this impact on our mission and vision, and by articulating the goals we hope to achieve. We have made a commitment to deliver on excellent teaching and learning, research, community engagement and also to grow in stature both nationally and internationally by 2025. We are indeed grateful to our Council, led by Morailane Morailane, which approved two major documents as we come to the end of our 40th celebrations:



Dr Enoch
Duma Malaza,
MUT Vice-Chancellor
& Principal



- o The new MUT logo, known as the Transformer
- o MUT Strategy 2025. We call the Strategy 2025 our diamond

These will reinforce our efforts as we give breadth and depth to our new strategy statement: “Shape and own the future”. As I said when I joined this University with such a great potential in May 2018, my success will be based on how much we make MUT known for excellence.

TEACHING & LEARNING MATTERS

Transforming Teaching & Learning

Another PhD for the Faculty of Management Sciences



Dr Bongile Yvonne Charlotte Mvuyana

The number of staff with PhDs in the Faculty of Management Sciences continues to grow. Recently the faculty welcomed another member who qualified with a PhD from the University of KwaZulu-Natal. Bongekile Yvonne Charlotte Mvuyana, a senior lecturer in the Department of Public Administration and Economics, graduated with a

PhD on 12 September 2019. Her study was titled: "An assessment of a sustainable human settlements strategy in creating a quality living environment: A case of eThekweni Municipality".

Dr Mvuyana said the main objective of the study was to identify interventions that the eThekweni Municipality has engaged in, and whether or not they have contributed to improving the living environments of poor households. The study examined the processes for promoting an integrated housing strategy in creating a quality living environment in post-apartheid South Africa. Qualitative data was collected from members of the Cornubia community, officials from the eThekweni Municipality and the KwaZulu-Natal Department of Human Settlements. It was able to indicate problems that the municipality has encountered and strategies embarked on to ensure that the right to adequate housing is fulfilled. The findings of the study have reflected the challenges that the Municipality is facing in the provision of houses, as some of the houses provided do not have the expected facilities. The study recommended the need for a change in the processes followed by municipalities in housing provision, in order to achieve the human settlements mandate. Going forward, Dr Mvuyana has the responsibility of assisting the Municipality to find solutions to human settlements problems through further publications. Dr Mvuyana said her immediate goals after obtaining her PhD were to publish at least three papers in approved journals a year. Dr Mvuyana was supervised by Professor Thokozani Nzimakwe, a former MUT staff member.

Department of Electrical Engineering signs MOU with CSIR



MUT and CSIR staff during the signing of the MOU

In its efforts to ensure good quality graduates and contribute to the development of different communities across the country, the MUT Department of Electrical Engineering has signed a Memorandum of Understanding (MOU) with the Council for Scientific and Industrial Research (CSIR). According to Chief Research Scientist at the CSIR, Dr Fisseha Mekuria, the Council has decided to sign the MOU with all previously disadvantaged institutions. So far it has signed such an agreement with the University of Zululand, the University of Fort Hare and North West University. The MOU is valid for five years, and is renewable.

Dr Chrispin Mulangu of the department said the MOU enabled the CSIR, among other things, to deploy low-cost spectrum monitoring (LCSM) units at MUT, which are part of the national research infrastructure. Spectrum management is the process of regulating the use of radio frequencies. The LCSM would assist MUT staff and students to collect data for research and education in spectrum engineering.

"It is now up to MUT students and staff to take advantage of the technology we have donated. The aim is to empower the students and staff to develop innovations that will positively impact upon their immediate communities," said Dr Mekuria.

HR students proactively registered with professional bodies

HR senior students are now members of the SABPP



A pro-active move by the MUT Department of Human Resources and Management will go a long way towards helping its students secure employment after graduating. The department has registered its senior students with the South African Board for People Practices (SABPP) and the South African Human Resource Universities Forum (SAHRUF), a forum consisting of representatives from universities and the HR industry in South Africa. The students will benefit from the professional guidance offered by the Forum before they even graduate.

Thobekile Ngubane, an Advanced Diploma student in the department, said some companies require students to subscribe to professional human resources bodies which guide the profession and set standards. "Students in the student chapter of the SABPP, which we now have at MUT, benefit from the projects which the chapter runs," said Ngubane. MUT is the first university in the province to form such a chapter.

The projects run by the SAHRUF student chapter range from community engagement to learning-related projects.

Students are taught about professional behaviour, like time management and CV writing skills. Students also have access to articles written by student leaders in other chapters. During the annual general meetings, students interact with leaders in industry, which creates opportunities for employment.

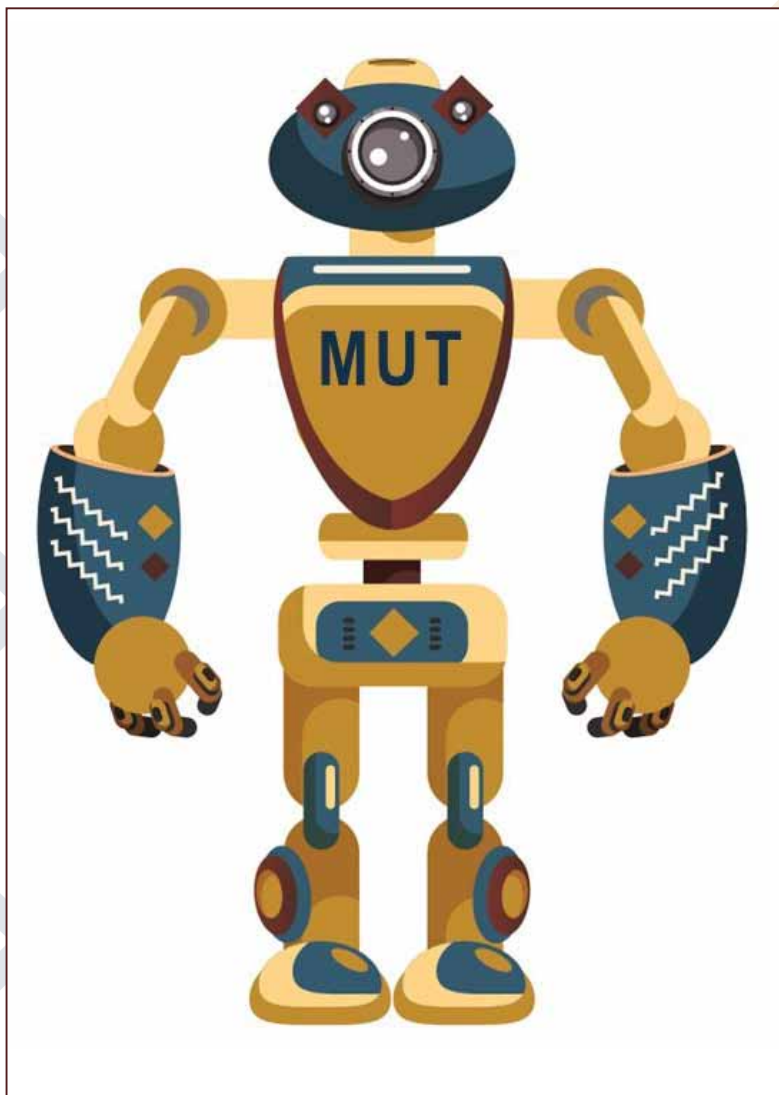
The student chapter has a committee of seven individuals whose duties include arranging the trainings, running CV clinics for all MUT students, and organising community outreach programmes. "We also visit high schools and give them guidance on Human Resources Management and its place in the economy," said Ngubane.

Professor Logan Naidoo, left, and Alison Yazi, third from right, both members of the HR department, and their senior students



Here comes the Transformer...

Transformer is born



It is 17 October 2019 and the Department of Marketing and Communications at MUT is shut. Everyone who belongs to it has joined the retreat in the nearby city centre. The department has to react to a very important decision: the institution has given the green light for its new 'look and feel' to be implemented. This is a daunting project that will require time, patience, skill, but most importantly, proper execution. While some organisations outsource such big projects, Mbali Mkhize, Senior Director of the department, with her battle-hardened team, will execute this one.

“We decided to leave the office to give ourselves enough time to formulate our plan to execute this massive project that will change the University's appearance and image. We saw it as a challenge, and also as an opportunity.”

Enough time? Not even a single day. Waiting for the outcome of the Council meeting, the team was ready to spring into action. The previous day they had been asked to come with ideas as to how they thought the future MUT should look, and how that transformation would occur. “I was really surprised by the manner in which the team rose to the occasion. Our interns had even prepared PowerPoint presentations which they were more than eager to blow up on the screens for all of us to see,” said Mkhize, who added that the extensive consultation with all stakeholders - students, staff,

University Council, and University alumni, and the support they received from University Management - had given them energy to forge ahead.

This mechanical robot symbolises strength, common goals, connection with a bright past and an even more impactful future, and the high regard that the University has for technology and its role in shaping the future. It's also a symbol that the University aims to play a big part on the global stage where its alumni and research community are already making their mark.

Now 'Transformania' is running wild at MUT. In a few short weeks, Transformer has become a Leviathan at the University and the whole University has fallen under his spell. Songs in honour of Transformer have been composed and the Marketing and Communications staff members' electronic signatures carried Transformer image which heralds a new chapter in the life of the institution, for a long time until Council gave them authority to use the new logo.

MUT coat of arms paves the way for its modern descendant



MUT

MANGOSUTHU
UNIVERSITY OF TECHNOLOGY

Transformation is not only about infrastructure and getting people with the right kind of skills into the positions that match those skills. Transformation is also about changing the identity of the institution - that which makes the University stand out.

On Thursday, 5 December 2019, there was an atmosphere of quiet anticipation as the MUT security personnel, accompanied by the sound of the Scottish bagpipes, pulled the old MUT flag for the last time. After years of serving the institution with pride and distinction, it was time for the MUT coat of arms to be laid to rest. As much as it was the end of a proud era, it was the start of an even greater one, heralded by the hoisting of a new MUT flag. "With our strategy statement being, 'shape and own the future', I believe that the new corporate identity signals a new aspiration for the University as to how it wishes to be perceived by its stakeholders," said Dr Enoch Duma Malaza, MUT Vice-Chancellor and Principal. "The new corporate identity is a major step towards positioning MUT as a University of Technology, as promulgated in 2007 by the Minister of Education."

The new logo is an evolution from the previous coat of arms. In the new logo, the shield has been carried over and modernised. "It serves to represent a strong base (hence the lower end being bold) indicating our strong heritage, with a strong upward curve representing a bright future. The modernised shield also symbolises an abstract elephant tusk which by itself indicates strength, strong African roots and local pride," said Mbali Mkhize, Senior Director of the Marketing and Communications department at MUT.

Mkhize explained that the new logo also carried over the angular patterns which are distinctly African in design. "The continuity in the shape also represents water and fluidity. Apart from the origins of MUT on the east coast of South Africa, we felt this also shows innovation, adaptability and a desire to push on. The lines deliberately do not end, showing the endless pursuit of excellence. These elements : innovation, adaptability and a desire to push on. The lines deliberately are also strongly emphasised in the new MUT Strategy 2025," said Mkhize.

The diamonds have also been carried over into the new logo. They are simplified, and they stand strong by themselves. "The three diamonds represent a sense of independence and power, yet are aligned to show unity. This unity is manifested in the student-staff-alumni relationship. The diamonds also represent the three pillars which define any higher education institution: Teaching and Learning, Research and Community Engagement. They also represent our founding faculties - Engineering, Management Sciences and Natural Sciences."

In addition, the three diamonds represent areas of collaborative academic excellence in the MUT Strategy 2025. These CAEs are:

-  i) Human, Social Settlements and Developments
-  ii) Energy and the Environment
-  iii) Health and Food Security

Our new brand identity meets the people



For weeks, we spoke about the Transformer. For weeks, we gave our people clues as to which logo could be our new logo. Transformer, was everywhere on campus. There was a specially dedicated newsletter: Transformer. By the time we launched; our audience knew the colours our new logo would have, the colours of the diamonds, the clues had right been there.

It was however; Dr Enoch Duma Malaza, Vice-Chancellor & Principal, who sealed the new logo when he raised it up. That is when everyone knew that MUT had a new brand identity. That was a moment when he said:

“I am honoured to hoist the MUT Flag which has a new logo. This new logo was approved by Council on 4 December and we are very excited about this new logo.

Flag hoisting ceremonies are held to show that a nation's flag is something special. ... The opposite takes place in the evening, when flags are often ceremonially lowered, folded and put away. The MUT flag is something special for us.

The new flag means the new beginning for the University. It affirms the change in our status that happened in 2007. Now, we are claiming our rightful place among the universities of technology. The new flag is a sign of the transformation that is taking place at our University. It stands for what is new about the University. And the new way of doing things that is encapsulated in the Strategic Plan 2020-2025 that is our blueprint, a roadmap that will guide us in the next five years.

As we launch this new era in the history of the University, we are also ushering in the MUT Strategic Plan 2025. The document will be given to all our Deans and HODs as they are colleagues who have direct contact with our students and all our immediate stakeholders. MUT Strategy 2025 will take us deep into the future in the next five years. It is aimed to transform our University, and make it relevant to all the needs that the next half a decade will bring with it. Such change is natural for all living entities, like our University. We appeal to all of you to continue supporting our efforts to transform our University. There is a role for all of us in this journey. Please find yours. The common role for all of us is to look after our resources well, and act in accordance with all the protocols that govern our University.”



Anchoring MUT in SA and the world

Internationalising SA higher education

Twenty years ago, all South Africa's historically disadvantaged institutions (HDIs) received funding through a USA-SA collaboration funded by USAID. The grant focused on building capacity in research, staff and student development. The five-year funding project made a huge difference in internationalising some of the HDIs, enabling a number of staff to attain terminal qualifications (Master's and PhDs) and students to receive some training in the US.

Fast forward to 2019 when Dr Blade Nzimande, Minister for Higher Education, Science & Technology, wants even more structured collaborations. "I would like to see collaborations that will be impactful and advance the mission and vision of the HDIs. Over and above that, I would like to see the HDI become more engaged in its community, increase its research output through partnerships and be self-sustainable in its resource mobilisation efforts," said the Minister.

To explore this further, the University branch of the Department of Higher Education and Training (DHET), led by Dr Diane Parker, recently sent a delegation of representatives from South African universities, along with the departments of Science & Innovation and Basic Education, to the Anchor Institutions Task Force 2019 Annual Conference in New York. The Anchor Institutions Task Force (AITF) is a US-based network of more than 700 leaders promoting the engagement of 'anchor institutions' (such as universities, hospitals, community foundations, libraries and arts institutions) in community and economic development. Its aim is to develop and disseminate knowledge and advocate for democratic, mutually beneficial partnerships between anchor institutions and their communities.

The overarching goal of the South African expedition was to expose the delegation to the idea of an 'anchor institution', to present South African higher education as a collective, to meet top US funders and engage with potential higher education partners in the US. Collaborative meetings took place in New York and Washington, D.C. from 24 to 30 October. They were a sequel to a similar initiative in 2016, when the DHET made funding available for HDIs to start upskilling their researchers after conversations with some US partners.

Critical meetings took place with the Carnegie and Kresge Foundations in order to explore how universities need to advance and discuss future plans for collaboration. Another meeting took place at the Rockefeller Foundation with a focus on funding for science, technology, engineering and mathematics (STEM) programmes.

The AITF received much support from Minister Nzimande who views it as an example of the strategic direction he wants the universities in SA to follow. This is also aligned to the President's new District Development Model. Universities need to grow with their communities and the AITF's work shows how universities can develop in harmony with their communities and build a mutually sustainable future.

AITF 2019 Conference gives hope to new SA model

From 24 to 25 October, some South African universities attended and participated in the Anchor Institutions Task Force (AITF) Conference in New York. AITF is strengthening the relationship between public institutions and communities to improve education, economic development, health care and global leadership. Dr Blade



Dr Blade Nzimande, seated, right, with some members of the delegation

Nzimande, Minister of Higher Education, Science & Technology, led a sizeable delegation to the conference at which he was one of the speakers. Through this he made it clear that the District Development Model advocated by South Africa's president, Cyril Ramaphosa, will now be integrated across education, health and other spheres in order to uplift communities in townships and rural areas. Conference presentations from various universities in the US, Canada and Europe showed that the common goals of anchor universities are to:

- o Better the welfare of the community where they are located (educationally, economically and in health care),
- o Better the lives of local residents,
- o Improve STEM results and participation,
- o Help poor children climb the ladder,
- o Educate poor and first-generation students,
- o Educate under-served communities, and
- o Create a publicly-engaged citizenry.

Dr Blade Nzimande indicated that in Pietermaritzburg, DUT was getting to grips with the anchor strategy as an aspect of the District Development Model. Although more still needs to be done on this front, being part of more than twenty presentations has now stimulated the delegates to become more intentional in developing their relationship with their neighbourhoods.



Improving HDIs' resource mobilisation: SA delegation tackles the issue head-on



Dr Diane Parker

Dr Diane Parker, Deputy Director-General in the university branch of the Department of Higher Education and Training (DHET), and her team made the recent visit to the US a competitive advantage for all the HDIs who participated.

Acknowledging that fundraising, and especially international fundraising, is not easy, Parker and her team arranged a series of meetings with top international foundations. These meetings allowed the delegation to understand funding priorities from top foundations such as Kresge, Rockefeller, Carnegie, Dell, Master Card, Ford, Elma Philanthropies, the United Negro College Fund and others.

“We do acknowledge this big role that you have played in supporting numerous opportunities and strengthening some of our universities. We have seen how the support has assisted some of our universities. There is living proof of many milestones accomplished with over \$200 million investment into our higher education system by many of you. We acknowledge the impact of these partnerships and look forward to how we could leverage on future collaborations,” she said.

Dr Blade Nzimande echoed similar sentiments and his presence was applauded by funders and donors, who expressed being “excited about an inspired minister who is willing to articulate and amplify government priorities in SA”. Many expressed how they had not seen this inspiration before.

Some lessons learned about being an anchor institution

- o Every community is an ecosystem of every sector and requires a strategy to bring all these voices together.
- o Every institution has to direct its institutional ambitions to the local community.
- o Universities need more strategic dialogues with their communities, hence they must:
 - o Spend more time engaging with communities
 - o Engage in specific conversations about issues that have not been addressed.
 - o Anchor universities must help develop the rule of democracy, participation and inclusion.
 - o Anchor universities must show how human rights are essential to the rule of law.

Dr Diane Parker and her team had also organised for the National Association of Student Personnel Administrators (NASPA) to give presentations on gender-based violence and mental illness. Taking the delegation through her presentation, the Senior Director for NASPA's Culture of Respect initiative explained how the US state is collaborating with them through a White Paper called “You are not alone”, while the law (specifically Title IX, a federal civil rights law that protects people from discrimination based on sex in education programmes) has been used to prevent sexual harassment in higher education. The delegation was taken through various strategies that have been developed in this regard.

RESEARCH MATTERS



Meet MUT's only woman to receive a research recognition award in 2019



Dr Maryam Amra Jordaan

The burden of responsibilities most women face did not deter Dr Maryam Amra Jordaan from being the only woman at MUT to receive a runner-up award for the most productive researcher in the Faculty of Natural Sciences. She said, "I have three kids and my husband, Yasar Amra, provides emotional and financial support as well as assistance with the children in order for me to complete my tasks." This support system has enabled her to enhance her research focus in medicinal chemistry in Communicable Diseases/ HIV/AIDS/Photochemistry/ Environmental chemistry.

She received recognition as a result of her research, mostly published in high-impact journals like *Phytochemistry*, *Spectrochimica Acta. Part A: Molecular and Biomolecular Spectroscopy*, the open access journal *Research Journal of Environmental Toxicology*, the *Journal of Pharmacy & Pharmacology* and *Environmental Monitoring Assessment*, the *Polymers Paint Colour Journal* and the open access journal *Antiviral Chemistry & Chemotherapy*.

Congratulating her, Professor Marcus Ramogale, Deputy Vice-Chancellor: Teaching & Learning emphasised that Dr Jordaan was the calibre of researcher that MUT wanted to retain.



And the Senate Prize for Research goes to...

Professor Roger Coopposamy, professor in the Department of Nature Conservation. As announced by Deputy Vice-Chancellor, Professor Marcus Ramogale, during the MUT Research Awards: "We are recognising Professor Coopposamy for consistency in research publication, administration and leadership. Since 2008, he has published 50 articles in DHET-accredited journals; is a reviewer of national and international journals and has established collaborations with many international scholars. A renowned keynoter and facilitator in plenary sessions at conferences, he has been recognised by MUT as the most productive researcher four times and by Senate three times. He has supervised many Master's, PhD and post-doctoral candidates and reviews and chairs NRF funding channels."

Professor Coopposamy also gives back to civil society by being actively involved in secondary education and has served as a school governing body chairman for the past 10 years. "I was asked how I function to achieve on a constant basis. Many of us work around time. I believe that we should work with time and allow time for everything to occur around us. Rising early, functioning at the maximum and ensuring completion of tasks on time will produce the effective and desired results. Having a broad mind to accept constructive criticism aids in improving the outputs of my research. A drive and thirst for finding the unknown is something I had in me since my early childhood investigating increased crop production on my father's farm situated in the North Coast of Natal. This drive continued in me pursuing an academic and research career which to date has produced successful results," he reflected.



Professor Roger Coopposamy, left, and Professor Marcus Ramogale

"To remain calm, I meditate daily from 3am to 4am and then lend my presence to God to thank him for me living a new day. I believe spirituality is something that should not be ignored and should be practised to unite your body with the universe."

Professor Coopposamy's niche area is Phytomedicines, Natural and Alternative Medicines, Ethnobotany and Indigenous Knowledge Systems.



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New HR postdoc shines spotlight on labour issues in a globalised world



Dr Samsom Adewumi

“Globalisation has transformed the world of work. Full-time jobs with benefits are wilting. This has created a vacuum in the work itself, the labour union and the people themselves,”

said Dr Samsom Adewumi, postdoctoral fellow in the Department of Human Resources. So far, Dr Adewumi has been investigating the impact of globalisation on work and labour organisation in his home country, Nigeria. He will look at South African data next year. This will be the second paper that Dr Adewumi will be sending for publishing since joining MUT in September 2019. He co-authored the first paper with his mentor in the department, Professor Logan Naidoo. He joins MUT on the back of completing his Doctor of Philosophy in industrial and organisational labour studies at the University of KwaZulu-Natal.

For Dr Adewumi, joining MUT meant an opportunity to develop as a scholar while making an impact on the University's research output.

“I felt that it is a school that needs to be grown. As a young scholar myself, I was looking for a place where I will be given the privilege to grow. A place where it would be a give-and-take - I would contribute to the school and also grow. I also want to contribute to the research output,” said Dr Adewumi.

His responsibility will also include teaching students in the department. Dr Adewumi believes his major contribution will be in teaching students research methodology in order to strengthen their research ability. “I would want to teach research methods. I read through the research of the students and I feel like there is a need for improvement on their part because research is fundamental here. I would want to be given the opportunity to contribute my own content,” he said. Dr Adewumi emphasised the value of strengthening the students' research capabilities early on in their academic journey. It is these research skills that lay the necessary foundation for students to progress into Master's and doctoral studies. It is through his research and contributing to teaching that Dr Adewumi would like to fulfil his ultimate goal at MUT. “I hope to be a better scholar at the end of the day,” he said.

It is this give-and-take relationship with the institution that Dr Adewumi wants to build into his achievements throughout his time here at MUT. “The first point of achievement is to have published in high profile journals; that would be in numbers,” he said. “Secondly, it is to play my own role in terms of contributing to the teachings of the faculty and to help students to contribute to the research background.”

Two staff obtain NRF ratings

The number of MUT staff obtaining an NRF rating keeps growing. In this edition we profile two recent recipients of NRF ratings:

Dr Hloniphani Ndebele and Dr Reshma Subbaya. Dr Ndebele, an Academic Literacy lecturer in the University's Teaching and Learning Development Centre (TLDC), has been granted a Y2 rating.



Dr Hloniphani Ndebele

Dr Ndebele said the rating was an important milestone for his career path. “I am very excited about it. I have always wanted to work in a university environment where teaching and research are two inseparable components of higher education. I enjoy creating knowledge via

continuous investigations in my research areas, but I also value passing knowledge onto others because it teaches, inspires and leads to personal and societal growth. As such, I view this rating as a defining moment of my vision and mission as an academic at MUT,” said Dr Ndebele.



Dr Reshma Subbaya

Dr Subbaya, Director of Monitoring, Evaluation and Research in the Directorate of Institutional Planning and Research (DIPR), has been granted an NRF C3 rating. Both ratings are valid from 1 January 2020.

Dr Subbaya was also happy about her rating. “If it hadn't been for [Research Director] Dr Mienie's advice, I would have pulled out my application. I am so happy, yet humbled, by this rating, especially since I am not an academic member of staff. Again - thank you so much for facilitating

the process and keeping me informed each step of the way,” said Dr Subbaya.

Chemical Engineering senior lecturer prepares students for research



Dr Kaniki Tumba

This was the case for Desree Reddy's B.Tech project, which Dr Tumba turned into a research paper and published it in Scientific Study & Research. The project was on convective air-drying characteristics of ground macadamia nuts. This was a particularly important research project because South Africa is the biggest macadamia nut producer in the world.

Golden Macadamias, the Mpumalanga-based macadamia producer, stumbled upon the paper and contacted Dr Tumba to follow-up on the research presented in the paper and for expert advice on the company's expansion of a drying plant. The project started in the last week of November and will take two years. Dr Tumba is part of the project along with his mentee, Nkululeko Nkosi,

a new lecturer in the department. The two will be travelling to Mpumalanga for the project.

MUT is transforming, and the institution continues to grow its research output and postgraduate offerings. To offer Master's and doctoral studies across the board, MUT will require lecturers that equip students with the necessary research expertise that will see them through their higher degrees.

This is a challenge that Chemical Engineering Senior Lecturer, Dr Kaniki Tumba, has been addressing in his work with B.Tech students. In 2019 the B.Tech in Chemical Engineering class had 10 students who are working on six projects. One of the research topics that the students' projects covered is the drying behaviour of typical crops found in South Africa. The aim of this project is for the researchers to use the findings of their study to design industrial dryers apart from the sun.

Another project will look at the sedimentation behaviour of South African clays for use in the recycling of used oil. For this project, Chemical Engineering students are collaborating with staff at MUT's Technology Station in Chemicals to produce clays for use at the Dilex waste management plant in New Germany.

There is also a project that investigates the possibility of using green solvent to separate mixtures of salt. This project is meant to contribute knowledge to the theoretical field of thermo dynamics.

"We are trying to involve our students in applied research. We publish the research of students with accurate data but since they are undergraduate students, their names do not appear as co-authors in the papers," said Dr Tumba, who is also editor of the South African Journal of Chemical Engineering and sits on the board of the Open Chemistry Journal.

"It gives us the opportunity to impact industry and transfer skills," Dr Tumba said. "We impact them and they transfer their skills to us as academics."

This industry partnership will also benefit students in the department. "In 2021 we will have Bachelor of Engineering Technology students who will have to conduct research and we will put some of these students on research linked to this project," said Dr Tumba. Dr Tumba is also part of research collaboration with Hebei University of Technology in China and eThekweni Process Engineering Services, in a project called the KwaZulu-Natal Blue Energy Project. "We are investigating the production of renewable energy from mixing high concentration salt water from desalination plants and low concentrate salt water to produce electricity," he said.

Dr Tumba visited China for a month in December to work with the collaborators as part of the University Capacity Development Grant from the MUT Research Directorate. MUT is the only university in Africa conducting research in blue energy (which is also called salinity gradient energy). The final aim is to install a salinity gradient power station in eThekweni Municipality.

"The technology for desalination is well-known but it is costly. If this project is successful it will pave the way for lower costs of maintaining desalination plants. The waste or concentration from desalination plants will be used with lower salt concentration in seawater to generate electricity. It would be the first of its kind in Africa," said Dr Tumba.

Sandile Dlamini elected Convocation President



The 7th of December 2019 added yet another feather in the cap of a man that goes as “Maviews”. The former SRC President 2017/2018, Sandile Dlamini, was elected as President for the MUT Convocation in a hotly contested election that drew a record-breaking attendance at the Convocation AGM.

In jubilant mood, Sandile said they had several areas that they were going to focus on. “We want to ensure that the relationship between the alumni and the Convocation leadership is strengthened. These two should not be meeting only when there is an AGM (Annual General Meeting). We have to take the Convocation to the graduates. The Convocation matters should not only be for the Convocation leadership,” said Sandile. Sandile added that they were going to create alumni chapters “all over the country, and that the Convocation should fund-raise for the University. This would be the way they to contribute to the Institution's development. As President of the Convocation, Sandile is now a member of the University Council in terms of the applicable protocols.

Sandile also said that, as Convocation, they would contribute in the University's transformation agenda.

“The Convocation must assist the graduates in raising the profile of the University. We would like to see MUT graduates holding serious positions in industry. We would also strive to create hegemony among alumni, wherever they are”, Sandile said.

The Convocation Council nominees are Sandile Dlamini and Sanelisiwe Mnyandu, known as Siwe. Siwe will be remembered as the former Chairperson of the Young Women's network (YWA).

Retired professor to bolster research in Management Sciences



Professor Sam Lubbe

Retired research professor and veteran information systems scholar, Professor Sam Lubbe, is already making his presence felt across the University by encouraging staff to tap into his vast knowledge and experience of the research process.

The bubbly and approachable Professor Lubbe has an open door policy and is always keen to advise junior colleagues on their proposals and on turning these into

research papers for publication in peer-reviewed journals. "I am trying to help staff to fine-tune and panel beat their proposal. I am not here to lecture. I am here to discuss and enrich," said Professor Lubbe.

Professor Lubbe has successfully supervised over 150 Master's and Master of Business Administration (MBA) candidates, and about 20 doctoral candidates, while also examining dissertations over a 20-year period. He is currently supervising seven Master's candidates. Professor Lubbe already has six research articles for this year, one of which has already been published.

Amongst his many achievements, Professor Lubbe had his research

article on the use of computers cited by the United States of America's Department of Defence. "It is more important that people read your work," he said. "The American department of defence cited my work on the use of computers."

He partly credits his success in supervision to his high regard for honesty in the supervision process. "You have to be honest with your students," said Professor Lubbe.

In the Faculty of Management Sciences, Professor Lubbe has been well received. The academic staff have started using him as a resource for advice on their work. He has recently worked with two of his colleagues in the Faculty. "One wanted to hand in his proposal so we worked on it," said Professor Lubbe. "The other one wanted to try out a new research method."

Professor Lubbe believes that MUT should consider adopting a three-approach model for teaching & learning and research. The first approach would be to let staff who are only interested in teaching focus on that alone. Staff that want to do both could have a reduced teaching load to make way for research, and finally, staff who only want to conduct research could just do research. This model could have the potential to increase the research output of the University and match people with their strengths.

Professor Lubbe's wealth of experience includes working as sitting professor of international accounting in Estonia. He has also worked in Norway and Namibia. In South Africa, Professor Lubbe worked at the University of KwaZulu-Natal, University of Zululand, University of Free State, Rhodes University, North West University, University of South Africa and Milpark Business School.

Although he has lost count of the number of research publications he has so far, he is nowhere near retiring from his publishing career. "I want to publish as many as possible," said Professor Lubbe.

Human Settlements Chair researches fast-tracked building processes

The provision of housing for the poor has been one of the South African government's main challenges since the advent of democracy. While much has been done over the years, the backlog in the delivery of these houses still remains a challenge. This is where the Chair of Human Settlements at MUT, Professor Babatunde Agbola, comes in. Working in the nexus between technology and building, he has been conducting research on building technology that has the potential to reduce the time it takes to produce these houses.

"What I am looking at, now that money is not too much of a problem, is how we can fast-track the production of these houses and provide services," said Professor Agbola. He has been conducting research in collaboration with a company that manufactures innovative building technology in Potchefstroom, North West Province. "The house that would take six months to construct takes 14 days. If we have that technology, why is it that those houses are not everywhere?" said Professor Agbola.

Although the innovative houses are quick to erect, Professor Agbola said that currently the end users were not all satisfied. For instance, there were issues with houses not being acoustically insulated.



Professor Babatunde Agbola

Another issue was a lack of education. Those who have taken the houses want to put nails to hang their clothes on but they can't in this

kind of house. Contractors also need to be properly trained. Extending the house was an additional challenge. "But this new one you can extend on your own," said Professor Agbola. He explained that the technology was evolving and that the second phase of his research would be to interview the people who had been given these homes nationally.

At the moment, Professor Agbola and his colleagues are conducting a comprehensive digital review of building technology to identify the gaps before they embark on national interviews with users. The findings of the review will be published in the Journal of Technology and Construction.



MUT hosts Men's Imbizo to shape male staff into men

MUT men
at the Imbizo



In old and recent history there is ample evidence that men were always brought together in a platform where they could discuss issues that relate to them without people of the opposite sex. The practice is also meant to help young men to bring their issues to elderly men for counsel, and to ensure there is transfer of knowledge from older men to younger ones to guide them through manhood. Plato's Republic, a political and philosophical literature that has served academia over centuries, is an example of men sharing information with the aim of developing each other.

It is for these reasons and more that the Department of Marketing and Communications decided to organise a Men's Conference (Imbizo) for MUT male staff only, whose main aim was to create a platform where male staff members would share information and their concern. This platform was envisaged to help participants become better men who would cherish their sense of self-respect, and honour their 'natural' duties, and look forward to taking their roles as leaders and protectors of their families and communities. The Imbizo took place on 28 November 2019. The almost total isolation of MUT men gave them freedom to talk about intimate issues and to ask questions without fear of being judged for using language that could be considered crude.

"One of the reasons we decided to create this platform for this kind of gathering was because we noticed that there was a gap in terms of getting men to come together and discuss issues that of significance and to provide counsel to each other. That is why we came up with the concept – asidodisane, meaning let us sit down and teach each other how to be real men," said Azwi Mufamadi, Director: Public Relations and Brand Management.

Pastor Ntokozo Zulu of Life Changing Powerhouse Ministries, kick-started the Conference with a session on what it means to be a man. Zulu told the eager audience that being a man was about taking responsibilities. He said that men must lead with humility; they must provide for their families and community and they must also play a role in protecting others in society. He was followed by Dr Sandile Tshabalala, Head of the Department of Health, KwaZulu Natal, who impressed upon men that it was essential for them to talk about their issues, and to look for help as soon as possible. Dr Tshabalala also explained in detail the role played by health condition in the family setup. He told men to stop allocating blame if there were sexual problems.

Cultural activist and musician, Mbuso Khoza premised his speech on the belief that once people move away from their cultures, they lose their way. He advised MUT men to find out more about their roots, so that they could be able to know their proper identities, and their roles in their respective societies. Some of these roles are protecting the family, providing for it, and men's behaviour, were discussed at length by other speakers and delegates.

MUT men showed tremendous interest in the initiative by using the platform to bring issues to the table for discussion and to ask the speakers and their fellow colleagues to help with counsel on various issues that they encounter.

A public lecture in the name of ethical leadership

Two public lectures, two art exhibitions
= A new strategic direction

Dr Seme promoted education, as shown by this gallery display



MUT's 40th celebrations were a precursor to its MUT Strategy 2025 and its nation-building drive. On the sidelines of the celebrations, MUT hosted two public lectures and two art exhibitions to show that history is intrinsic to every ideology. Dr Enoch Duma Malaza, MUT Vice-Chancellor and Principal, has been insistent that the University should take leadership in knowledge-management and also in nation-building initiatives.

The last quarter of the year saw MUT host a memorial lecture on Dr Pixley ka Isaka Seme.

Dr Pixley Seme was chosen on the basis of his contribution to the scholarship of the African National Congress and also because, when called upon to name MUT's iconic hall in 1998, many people submitted his name. In a way, our Seme Hall has come to be associated with a place where all students aspire to write their examinations and succeed.

In order to contribute to nation-building, it was therefore significant that a public lecture be held in this iconic location. Thus it was that, on the evening of 11 October, Umlazi residents, students, staff, alumni and the Seme family gathered to listen to Dr Moss Mashamaite, author of *The Life and Times of Dr Pixley ka Seme*. Highlighting the fact that the history of Dr Pixley ka Seme was 'untold', Mashamaite reassured the audience that he had dug deep as far as the Columbia University (New York) and the University of Cambridge (UK) where Dr Seme studied. Addressing the audience, Dr Mashamaite mentioned five lessons that could be learned from Dr Seme the man. "He taught us to disregard circumstances and forge ahead; to disregard age and know we are never too young or too old to change the world; to disregard vilification and to cherish unity; that although we may be many tribes, we are but one Africa; thus being at the forefront of Pan-Africanism." Public lectures are meant to educate, inform and call to action. Dr Mashamaite's call to action for MUT was to start having a Seme Day, just as Columbia University marks his "Regeneration of Africa" speech.

The University also held a temporary art exhibition to give people a better perspective on what shaped Dr Pixley ka Isaka Seme's life and ideology. All these were received with gratitude by the Seme Foundation.



MUT creates opportunity for ANC founder to claim his rightful place in history



Dr Seme's portrait

King Dinuzulu ruled the Zulu nation for 29 years, having taken the reins at the tender age of 16. King Dinuzulu ka Cetshwayo ka Mpande kaSenzangakhona, passed away on 18 October 1913 at just 45 years of age.

Sifiso Seme, grandson to Dr Seme, and Zwelakhe, Manqoba and Samora, Dr Seme's great grandsons, are direct descendants of the Zulu Royal House and are proud of their lineage. This is why it was a big occasion when they met another royal blood, Prince Buthelezi, who had a long chat with them all, even into the late hours of the night, despite the fact that the prince had to travel to Ulundi for a meeting the following day.

They say time is the greatest healer - and for most people this has proven to be true. But not for the family members of Dr Pixley ka Isaka Seme, the founder of Africa's oldest political organisation, the African Nation Congress (ANC). During the public lecture held in his honour on 11 October 2019, at least six members of the Seme family attended, despite a death of a senior family member, Vezindaba Seme - a son of Dr Seme's eldest son, Prince Godfrey. Dr Seme was married to Princess Harriet Phikisile, the eldest daughter of King Dinuzulu, and a sister to Princess Magogo kaDinuzulu, the mother of Prince Mangosuthu Buthelezi, the Founder of the University.

Sifiso said only a street in Durban was named after Dr Seme. He applauded the University for naming its iconic hall after Dr Seme. Sifiso said even the people of eNanda do not know much about Dr Seme, even though that is where he was born.



Prince Mangosuthu Buthelezi, third from right, meeting the Seme family, who are his relatives. The Prince's mother and Dr Seme's wife were sisters

The lecture was organised by the University's Department of Marketing and Communications, and the Dr Seme Foundation, of which the late Vezindaba was a member. The Seme family members are also members of the Foundation. The public lecture will go some way in creating an opportunity for Dr Seme to find his place in the history of the ANC and the country. The public lecture was part of the 40th anniversary celebration for the University.

Prince Buthelezi grateful for honour given to Dr Seme



MUT Founder Prince Mangosuthu Buthelezi is a relative of the late Dr Pixley ka Isaka Seme. Speaking at the Dr Pixley ka Isaka Seme Public Lecture hosted by MUT, Prince Buthelezi said, "I am here not only as the nephew of Dr Seme, but as someone who was mentored by this giant of Africa. In the twilight of his life I sometimes lived at his homestead of Ekuqhamkeni in Mahashini and spent many hours with him. He dictated his correspondence to me as he had undergone an eye operation, and often we would just sit and talk. Dr Seme stirred in me deep political convictions and an unshakable love for my country."

This speaks to the very essence of what MUT's public lectures aim to achieve. Prince Buthelezi expressed his appreciation to MUT for acknowledging the role played by his uncle, Dr Pixley ka Isaka Seme and also for being invited so he could share his side of history.



EAC stalwart receives top award

Eight years ago, the Marketing & Communications Department started an annual conference aimed at preparing office administrators in the corporate sector, NGOs, and higher education for the 21st Century. The extensive training that the Empowered Administrators Conference (EAC) has been providing for close to 2 000 administrators over the years is indeed yielding great benefits to the line managers who have tirelessly invested in the event.

Transnet is one of the organisations that have supported the conference since its inception. The shipping giant sent 20 administrators to attend EAC 2019, which was held at Hotel Fairmont Zimbali Resort on the KwaZulu-Natal north coast from 26 to 27 September. Among the Transnet group was Thabitha Sibisi, who is a sterling example of what the EAC stands for.

Sibisi, who started off as a secretary, is currently the Employee Relations Specialist at the Transnet Port Authority in Durban. Sibisi received well-deserved recognition when she was chosen among 1 200 employees to receive the Port Manager's Award for customer excellence in the individual category. "To be nominated for this award you have to give consistent customer experience and go above and beyond. It is a very stringent process that is adjudicated by a highly inclusive panel," said Sibisi.

In 2014 the EAC launched its own awards, also focusing on the customer. This intensive focus on customer centricity was motivated by the shift in the work environment and by an awareness that successful brands always put the customer at the heart of their operations. Traditional training institutions have not grasped the value of customer experience in increasing brand equity. It is the EAC's focus on customer centricity that propels strong brands such as Transnet to want to be associated with this award-winning conference.



Thabitha Sibisi

Many administrators who introduce the lessons learnt at the EAC to their organisations have become game-changers and a number of them have been recognised either through promotions to more senior positions, or by having their outstanding work acknowledged.

When Sibisi was presented with the Port Manager's Award for customer experience, she and her colleagues had no doubt that it was the EAC that opened their minds to a different way of thinking. The inscription on Sibisi's award reads: "Congratulations on delivering excellent service to your Employee Relations peers and customers, and for assisting the entire HR department - going above and beyond your call of duty." Sibisi, who is now doing her final year of a B.Comm degree in human resources, was also applauded by her colleagues for her understanding of customer expectations and always providing winning solutions to customers.

Senior students receive their Work Readiness Programme certificates

The Work Readiness Certification event took place on 8 November 2019 at the MUT Council Chamber. Thirty-nine senior students, some of which are final-year B.Tech students or are doing their advanced diplomas, attended the programme and were awarded

their certificates of completion.



Seated are MUT and Iqraa staff, and proud students standing behind them

Employers look for soft and hard skills when considering a candidate's job application. The Work Readiness Programme is an 8-week course designed to empower students with personal development skills which include, but are not limited to, personal branding, integrity and ethical leadership, critical thinking and the art of preparing an excellent CV. New entrants into the workplace face pressure of delivering on their job expectations as well as having to use their critical

A lack of skills in today's graduates puts students at a disadvantage job-wise and also costs South African organisations greatly. To address this, MUT's Alumni Relations Office partnered with Young Leaders Academy, an organisation that provides leadership development programmes and workshops for diverse teams, and embarked on a journey to provide an environment where these skills can be developed before students face the world of work.

thinking skills to function successfully within any workplace. The Vice-Chancellor and Principal, Dr Enoch Duma Malaza, and students expressed their gratitude to Iqraa Trust for their support in partnering with MUT on nation-building initiatives. Ngubelanga Nombulelo, a Human Resource final-year student, said she felt honoured to receive a certificate that would not only help her in the corporate world, but also to face the world after graduating.

Environmental Health on the agenda

In partnership with the eThekweni Municipality's Department of Health and the South African Institute of Environmental Health (SAIEH), the MUT Department of Environmental Health hosted a successful World Environmental Health Day event on 3 September 2019. The event involved 134 enthusiastic attendees: 23 external stakeholders from the private sector, government departments and municipalities; 20 MUT staff members and 91 Environmental Health students. First-year students gave poster presentations, while second- and third-year students delivered short video and PowerPoint presentations respectively.

"The department launched this project as a step towards balancing theory and practice in Environmental Health. The project also contributed to the advancement of the students' Work Integrated Learning (WIL). To that end, all students who participated in the project gained knowledge and were awarded two days towards their WIL," said departmental head, Dr Tobius Poswa.



Dr Selva Mudaly, right, President of SAIEH, making a point to both Dr Poswa and Ana Bigara, members of the Department of Environmental Health

For Dr Poswa, the event showcased the value of embracing diversity in a professional setting. There was mutual learning as the students' input helped practitioners with the latest available strategies in handling environmental health climate challenges. Likewise,

practitioners had an opportunity to share strategies applicable to the day-to-day operations of Environmental Health Practitioners (EHPs) and people from other disciplines. The commemoration event created awareness regarding environmental health issues, mainly climate change challenges.

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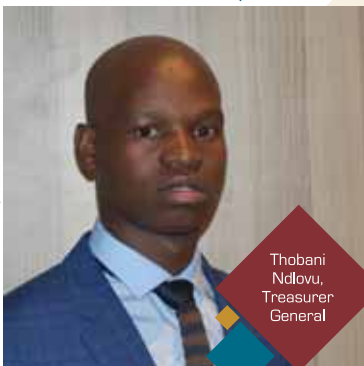
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ALUMNI CORNER

MUT alumnus at the coalface of transformation



One of the areas of transformation where MUT can play a broader role is in developing civic-minded graduates who leave the University to become agents of positive social change. More specifically, MUT aims to develop graduates who are critical, capable and pursue excellence in everything they do; graduates who are aware of their social responsibilities.

Khumbu Shelembe is one such alumnus who epitomises the transformation that MUT is committed to instilling in graduates. She is originally from Mthwalume on the south coast of KZN. She comes from an ordinary family and was not raised with a silver spoon in her mouth. She took it upon herself never to frown on opportunities, even outside her career choice. Although she graduated with a Marketing diploma in 2005, Shelembe struggled to find employment and finally took a job as a cashier in 2007 at Mobeni Service Station. Little did she know that putting hard work and passion into her work would secure her a bright future. Life has surely turned around for her as she is now the sole owner of Mobeni Service Station.

Shelembe is shaping and owning the future, as envisioned in MUT Strategy 2025. She says that her success did not come easily; it required her to work with determination, honesty, integrity and to always push beyond company expectations. After being promoted to work in bookkeeping in the supply chain department in 2007, after just six months of employment, she continued with further development trainings and completed the Caltex Retailer Courses in 2011.

Having grasped the business, Shelembe took a chance and applied for special funding from Astron Energy, the company that owns the Caltex licence, to enable her to own the business after the previous owner presented the opportunity to her.

She encourages graduates to make the most of their time at work in creating a future they can look back and be proud of. An average person would normally spend 90 000 hours at work over a lifetime. Shelembe advises graduates to be on a mission to ensure that these hours become more engaging, fulfilling, fun and ultimately, help their team to reach their full potential at work.

She is grateful for the opportunity to study at MUT. Her happiest moment was when her parents attended her graduation at MUT's Seme Hall. She had earnestly worked towards making her parents proud, and that was a moment she will cherish for a long time. Shelembe is living her dream. She urges graduates to take any opportunity that comes their way regardless of how small it might look, and she hopes they will learn not to have pride. Whenever they get a chance, they must work hard even when it's not their career choice because the world will respond to what they put in. The result might be what they never even dreamt of.





MUT

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As the saying goes,

**“IT TAKES A VILLAGE
TO RAISE A CHILD.”**

Graduates and willing friends of MUT are welcome to support the alumni donate-a-bench project or the alumni bursary fund.

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MISSION STATEMENT

To offer technological, career-directed educational programmes focussing on the innovative problem-solving research and engage with government, business, industries and communities as end-users.



VISION STATEMENT

To be a transforming, equitable, sustainable, and academically excellent University of Technology anchored in its communities.



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