

Sondela!

INSTITUTIONAL ADVANCEMENT

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Institutional Advancement team: from left - Maida Baloyi: **Alumni Relations Office**, Sihle Mabaso; **Alumni Relations Assistant**, Lisa Mbongwa; **Administrator**, Dr Connie Israel; Executive Director Dr, Azwi Mufamadi; **Director: Fundraising and Development**

Introduction to **Institutional Advancement**



Dear Friends of MUT

We would like to introduce you to the Institutional Advancement Team and its ambit of work and influence. Our goals are threefold: to introduce, integrate and embed the philosophy and practice of advancement into the institution, through a focus on Fundraising and Development, Enterprise Development and Alumni Relations. Under the strategic direction of the Acting Vice-Chancellor, Professor m Ramogale, we have sharpened and redefined our purpose to resource mobilisation, as this is where the need is! The Institutional Advancement Team is thus passionate about advancing the University's plans, development and sustainability, into the **technologised and innovative future of life and work**, thereby **leaving a legacy**.

Our Vision is to become an exemplar of institutional advancement practice and a worthy social investment partner. Our Mission is to advance MUT through resource mobilisation, philanthropic partnerships and enterprise, for a sustainable future.

MUT, as you are aware, is on a transformatory trajectory aimed at becoming a sustainable, state-of-the-art institution with a footprint in communities and the broader country. Like many relatively young, historically disadvantaged institutions, it faces challenges which include the lack of adequate infrastructure; historical student debt; the need for scholarships and bursaries for students, to enable successful completion and improved throughput rates; a shortage of job opportunities for graduates, and good governance. New thinking has gripped the institution of late, with the input of Transformation and Turnaround Strategy Teams, and notably, the leadership of Administrator Professor van Staden and his team, who are crafting a 5-year Institutional Development Plan as we speak.

In this scenario, the establishment of an alumni community that is organised, driven and productive in serving as key ambassadors who mobilise resources, is crucial.

Institutional Advancement, through a results-oriented paradigm shift which sees alumni as our primary resources, mobilised through the support of the Chancellor, the efforts of Convocation and the work of the ARO, has conceptualised a project called R100m & change, geared to mobilising the resources that will enable MUT to grow in various areas. The project has 10 pillars or goals which identify key areas of growth to respond to some of the challenges facing the institution, all alumni-driven. We share also our portfolio of development projects. More detail is available on each project, if you so request. We urge you to read all about it and take the next step on this journey with us. As a valued and active member of our alumni, business and Higher Education community, we are reaching out to request your support, for a significant event which will make a great impact on MUT and its legacy.

Your gift will be a Living Legacy.

Our gratitude is measureless... *Sondela!*

ABOUT MUT

Mangosuthu University of Technology (MUT) is one of six universities of technology in the Republic of South Africa. Located in Umlazi Township, near Durban, in the Province of KwaZulu-Natal, MUT is named after its founder, the late Prince Mangosuthu Buthelezi.

- In 1974, upon realising that under Apartheid there was no technology institution in KwaZulu-Natal for African students, he approached Sir Harry Oppenheimer for assistance with the establishment of a Technikon.
- In 1979, Mangosuthu Technikon, as it was called then, opened its doors to its first 15 students. In 2007, it became a University of Technology. MUT's mission to transform the lives of previously disadvantaged communities continues to this day.



MUT has a total population of about 14 500 students, with an even gender balance.



We accommodate 75% of the student population in over 40 outsourced residences. Most of the students are housed outside Umlazi Township in the City of Durban and are transported by bus to and from campus daily. International students, mostly from SADC regions, are accommodated in a dedicated residence.



MUT STRATEGY



The MUT Strategic Plan 2020-2025: Shape and own the future sets out the University's vision, mission, core values, and its strategic goals and objectives.



Vision:

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



Mission:

To offer technological, career-directed educational programmes focusing on innovative problem-solving research and engage with government, business, industry and communities as end-users



Core Values:

Accountability, Integrity, Respect and Excellence



Strategic Goals:

1. Excellence in teaching and learning
2. Excellence in research, innovation and engagement
3. Excellence in community engagement
4. Targeted national engagement and internationalization
5. An enabling support environment

Faculties and Programmes



Engineering

Programmes in Chemical Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, and Building Surveying



Natural Sciences

Programmes in Agriculture, Biomedical Health Sciences, BsC in Environmental Health, Community Extension, Information Technology, Nature Conservation, and Analytical Chemistry



Management Sciences

Programmes in Accounting, Finance & Public Accounting, Human Resource Management, Marketing Office Technology, and Public Management

Research at MUT

MUT is a research-informed university and has a modest Intellectual Property Portfolio. It currently owns three South African patents, one provisional patent, and two trademarks. In 2020, MUT received the National Research Forum Excelleration Award for research progress. This is a huge milestone in our quest to make our mark in the research space. MUT is currently exceeding its publication target.

Our research priorities are:



Food security and health



Human settlements and governance



The environment and energy

100 MILLION & CHANGE

ALUMNI-DRIVEN RESOURCE MOBILISATION PROJECTS

MUT is on a transformatory trajectory aimed at becoming a sustainable, state-of-the-art institution with an impact in communities and the broader country. Like many relatively young, historically disadvantaged institutions, it faces challenges which include the lack of adequate infrastructure; the need for scholarships and bursaries for students (especially postgraduate students); a shortage of job opportunities for graduates, and the establishment of an alumni community that is organised, driven and productive in serving as key ambassadors who mobilise resources.

10 YEARS This project has 10 pillars or goals which identify key areas of growth that respond to some of the challenges facing the institution, all alumni-driven.

The newly-formed Institutional Advancement Office has conceptualised a project called **R100m & Change**, geared to mobilising resources to enable MUT to grow in various areas, with a special focus on alumni as resources. This resource mobilisation project will run for 10 years, from September 2023 to September 2033.

Our Top 10 Goals for 2023-2033



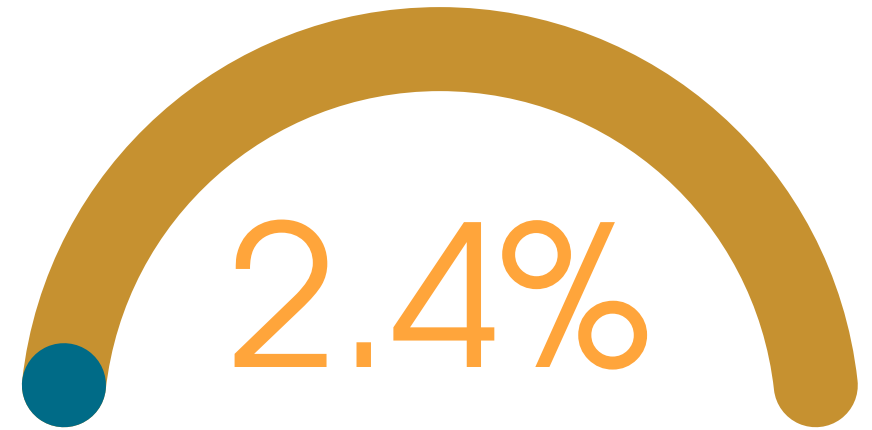
10 Alumni Chapters



The alumni community is every university's biggest resource. MUT has over 42 000 alumni. Although some of these alumni contribute to and participate in university activities, they do so in an unstructured way and as individuals. This is because many of them do not belong to Alumni Chapters, and those that do, often find themselves in chapters that are no longer active. Over the next 10 years, MUT wants to launch 10 Alumni Chapters. These chapters will elect their leadership and run programmes or projects which will advance their alma mater. The goal of this pillar is for alumni to actively participate and contribute to the institution beyond attending the Annual General Meeting of Convocation. This contribution could take the form of financial resources, time, and expertise. Reunions and interest groups will follow, generating a series of events for alumni to work together to pay it forward.



Estimated budget: R5m



NUMBER OF REGISTERED MENTORS

Mentorship plays a significant role in shaping and focusing individuals on their desired goals. For university students, having a mentor who is also a graduate of the same institution that they belong to, greatly enhances their progress through university. MUT's graduates are all potential mentors to the institution's current generation of students. Through the **R100m & Change** project, MUT will match 1000 alumni mentors to registered students over 10 years.



Estimated budget: R2m



100 Scholarships for female Engineering students!

ATTRACTING MORE FEMALE ENGINEERING STUDENTS

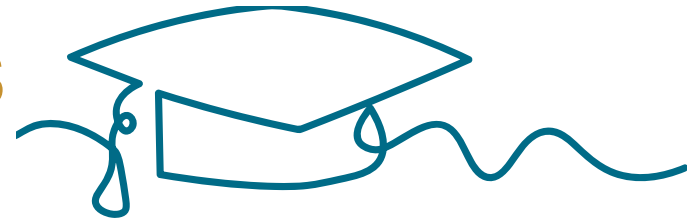
Engineering is still a largely male-dominated field in South Africa. Although it has become a positive trend for MUT to graduate more females than males at its annual ceremonies, a quick look at the gender breakdown of graduates per faculty reveals that the Faculty of Engineering is still a 'man's world'. This is partly because significantly more males register for Engineering courses than their female counterparts. There are various causal factors, but we will focus on attracting more female engineering students by offering scholarships and driving recruitment campaigns through alumni chapters. The target is to source and provide 100 scholarships for female Engineering students over the next 10 years.



Estimated budget: R30m



10 Masters students!



As this resource mobilisation project starts, MUT offers its only Masters programme in Nature Conservation. Other departments within the university are well on the way to offering Masters programmes with their vertical articulation through Advanced Diploma and Postgraduate Diploma programmes. The biggest threat to recruiting and graduating Masters students is low financial resources for students. Consequently, in 2022, the Master of Nature Conservation programme did not register any students. This project seeks to mobilise resources to register at least 10 Masters students across the three faculties over 10 years.



Estimated budget: R2m



10 Doctoral Students



The Department of Nature Conservation continues to lead the pack in terms of offering postgraduate qualifications at MUT. In 2025, it will introduce MUT's first doctoral programme, a PhD in Nature Conservation. This will be the first programme of its kind in South Africa. It will be an opportunity for MUT to produce and grow its PhD graduates. To attract PhD students, the institution will require scholarships which would enable students to embark on full-time study at the university. Through the **R100m & Change** project, MUT seeks to mobilise resources to register at least 10 doctoral students in this programme over the 10 year duration of this project.



Estimated budget: R10m



6

10 graduates
employed or
serving abroad!

MAKING MUT STRONGER

Part of MUT's transformation involves internationalising the institution by establishing partnerships with institutions, companies, and organisations in other countries. These are not the only ways that MUT can achieve its internationalisation objectives. Just as staff and current students can play a vital role in the internationalisation of the university, graduates should also take an active participatory role by intentionally seeking training and employment opportunities beyond South Africa's borders. The **R100m & Change** project aims at assisting at least 10 graduates in seeking and gaining employment abroad over the next 10 years.



Estimated budget: R10m



10 graduates employed in the JSE's top 100 South African companies!

The **R100m & Change** project is launching at a time when South Africans are experiencing an economic squeeze characterised by the rising cost of living and an unemployment rate that is of crisis proportions, especially for young people. One of the greatest challenges for MUT graduates is securing employment. The lack of employment has an impact on MUT's brand. We need to show that our graduates are employable, to attract more students. One way in which universities strengthen their ability to attract more students is by showcasing alumni who hold top positions in top companies. For this project, the target is to get at least 10 graduates employed in the Johannesburg Stock Exchange's top 100 listed companies.



Estimated budget: R3m



10 alumni entrepreneurs employing MUT graduates!



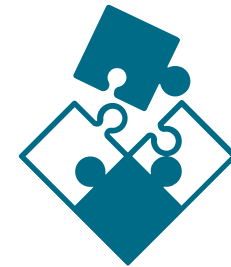
MUT continues to develop its niche in entrepreneurship in the country. The university is the first to integrate entrepreneurship into all its courses, as a graduate attribute. Soon, it will be impossible to think about studying any entrepreneurial course without MUT coming to mind. This new generation of alumni entrepreneurs will solve societal issues, while also providing much-needed employment opportunities to their fellow alumni and citizens. The **R100m & Change** target is to support at least 10 alumni entrepreneurs who will employ MUT graduates over the next 10 years.



Estimated budget: R10m



10 years to transform the student experience



This pillar is dedicated to initiatives designed to create opportunities for alumni to contribute their talents, time, and finances to support Alumni Relations' activities to nurture and develop the next generation of MUT students. Some of these initiatives include physical or virtual alumni-led Workshops/Masterclasses, projects which improve the MUT Campus Experience, and Alumni Advancement Projects aligned with the strategic direction of the university. The pillar focuses on the all-round development of students based on their innate potential and social interests, on competences, aesthetics, values and kinesthetics, through a series of programmes led by pre-alums, to improve the campus experience and to enable success. It also seeks to create and sustain an enabling environment for student success, by establish the Alumni Bursary Fund and an endowment for investment: our legacy to the future.



Estimated budget: R8m



10

10 years to establish the Alumni Hub!

UNIVERSITY ALUMNI SIT AT AN INTERSECTION BETWEEN THE UNIVERSITY AND THE BROADER PUBLIC. THEY ARE EXPECTED TO PLAY AN IMPORTANT ROLE IN BOTH THESE SPHERES.

MUT, situated in Umlazi, should be a vehicle through which the alumni community can make an impact in the larger community. It has significant projects dedicated to developing communities in various ways, through CEAD and IA. What the university does not have, is its own space/hub dedicated to development, resource mobilisation, and the community. The **R100m & Change** project seeks to integrate alumni initiatives into the community through the Alumni Hub. Our vision for an Alumni Hub - a source or fountain of development - will house a memorabilia shop (also online), the MUT Art Gallery and Museum on the history of Umlazi, and most importantly, a state-of-the-art Alumni Career Café, which alumni and community members will use for their continuous personal and professional development.



Estimated budget: R20m

Stewardship

Cultivation

FUNDRAISING PROJECT PORTFOLIO

Recognition

Qualification



1. GENDER-BASED VIOLENCE: VISUALIZING GBV THROUGH THE STUDENT LENS

The notable rise in high-profile GBV incidents in recent years, has necessitated a more intensive approach to the problem, at MUT and in South Africa. Visualising GBV through the students' lens is a crucial aspect. The development of a GBV awareness model informed by the principles of intersectionality is necessary to ensure that the rights and responsibilities of all are upheld in the context of GBV response and prevention. Undertaking such courses of action has financial implications which are beyond the budget of the Student Counselling unit. External service providers who specialize in gender and intersectionality issues are needed to strengthen the unit's efforts.

Est. R285k



2. LIBRARY PIAZZA REFURBISHMENT

MUT Library has two sites, one on the Main Campus and another on the North Campus. The Library proposes the refurbishing of the piazza area which occupies 510 square metres, to a conducive study area that would be suitable for both winter and summer temperatures. MUT needs such a space. The current study space does not accommodate the number of students (over 13 000) who visit the Library especially during exam periods, and with extended hours. Access to all, particularly for postgraduate research, will be an enabling influence.

Est. R3m



3. TECHNOLOGIES FOR PLANT-BASED MEDICINES

The need for novel, effective, and affordable medicines to treat human ailments is a major challenge in global health care, particularly in developing countries where infectious diseases account for up to half of all deaths. Medicinal plant researchers at MUT are one of the most productive collaborative teams in the institution and funding for our technological needs will inspire and enable us to supervise postgraduate students, as well as increase overall publication output. Tangible items such as solvents, multi-meters and chemicals are needed.

Est. R105k



4. TUTOR TRAINING DIGITAL HUB

MUT, like all universities, seeks to support students through innovative learning and teaching methods to ensure that students derive the most benefit through tutorship. Hybrid modes are necessary but we need upskilling. A Digital Tutor Training Hub will provide an innovative tutor training platform for MUT tutors. Funding for digital training will therefore go a long way to ensuring that tutors at MUT are capacitated through digital training to enhance academic student support through tutorship.

Est. R400k



5. STUDENT EMPLOYABILITY

The employability portfolio has proven to be essential for MUT to meet its goal of ensuring that its graduates are employable. Employer engagements have also revealed that students' employability skills are improving since the inception of the employability portfolio. The retention and enhancement of the portfolio will ensure that we continue to produce employable graduates. It will also enable us to explore the application of an employability tool.

Est. R1.5m



6. MAKERSPACE RESOURCES

Makerspace, a facility located in the Library, will provide students with an opportunity to learn something new, either as an alternative way to do things or by using new tools, such as 3D printers, to reach a solution. It will also help develop in-demand skills like flexibility, collaboration, adaptability, oral and written communication, information literacy, technology literacy, productivity, social skills, leadership, and initiative, to develop young minds for future success.

Est. R2m



7. RESEARCH COMMONS

The role of the Library in the MUT research agenda is to provide current and relevant research information resources, research support services in the research cycle, as well as a conducive environment for researchers to work and study. The development of a Research Commons is fundamental to providing a space specifically for researchers involved in individual and collaborative projects. The thrust towards more postgraduate programmes, and for staff to attain higher degrees, compels this development as well.

Est. R3m



8. BURSARY FUND: PRETECHS, THE MISSING MIDDLE, ADVANCED DIPLOMAS

Despite the support from SETAs, NSFAS, and private donors, at least one quarter of our students need further financial aid. Going forward, postgraduates will need assistance. Furthermore, MUT finds itself in the difficult position of having to provide scholarship support to students registered for Advance Diploma qualifications that are not funded by NSFAS. Others fall under the *Missing Middle* category, which means that they fall above the funding threshold of R350 000 per annum. These students need our support urgently.

Est. R312m



9. STUDENT RESIDENCE REFURBISHMENT

MUT student residences are buildings that need of urgent attention to create a conducive environment for learning and living. The majority of the blocks are more than 40 years old. While the structures are still solid and sound, the interior and other external and internal fittings have aged. Maintenance was also deferred over a lengthy period, with refurbishment and upgrades being the recommended intervention. This intervention will ensure compliance with various legislations and DHET’s minimum norms and standards for student housing that came into effect long after the facilities were built.

R130m



10. VIRTUAL CAMPUS

Lockdown in 2020 challenged us all to adopt hybrid modes of teaching and learning, and living. Data and device costs were a challenge for many students. Access to different systems is crucial for the success of the academic project. This pillar is aimed at creating a solution that could minimise the cost of data to students and staff by creating a virtual campus (that will be reversed billed to the institution) and thereby providing continuity to the online teaching and learning programme.

Est. R5.5m



11. SPORT FACILITIES

Sports serve as a platform for healthy social interaction amongst students, fostering a culture of mutual respect and understanding, teamwork, collaborative partnership, and good sportsmanship. MUT has a limited pool of outdoor and indoor facilities to cater for the growing numbers of registered students and those participating in sport and recreation programmes. The number of programmes and demand for facilities exceed the existing facilities. We need a Sports Centre, swimming pool. Combi court, Netball court and a rugby field with attendant fittings. Our students deserve this: so does the community of Umlazi!

Est. R13.4m



12. INTERNATIONAL OLYMPIADS (SCHOOLS)

Our secondary school students are not gaining access to international Olympiads in economics, yet this subject is vital to our growth as a nation. Research shows that most students in universities struggle with economics. Thus, exposure in secondary school to such activities as the Olympiads may improve overall performance at school and university. Economics is also a key area for development, as we encourage self-starters in businesses who can generate jobs.

Est. R88m



13. IGNITING THE ARTS: THE MUT-UMLAZI CREATIVE ARTS PROJECT

While MUT does not offer formal programmes in the Arts, its location in Umlazi is ideal to ignite the arts here. The arts play a role in shaping public discourse (anti-GBV) and promoting innovation (re-newable energy). The short-term goal of this project is to develop a programme to promote the arts and to raise funds. The long-term goal is to establish a campus centre to promote the arts. This will be a formal space to coordinate all activities and a popular venue for artists to mingle. In the arts, there is a huge premium for the venue (for example, to claim the calendar or attract like-minded tourists). There is a connection between the arts, attachment to place and space and the brand value that is generated. Various exciting projects are part of the plan!

Est. R500k



14. EXCITING NEW PROJECTS/CONCEPTS!

- Movie Theatre in Umlazi
- Concerts hosted at MUT
- Umlazi-to-Umhlanga small business hubs!
- MUT as part of Umlazi Tour (Tourism)
- Medical services Bus
- Incubation hubs for start-ups in Umlazi
- MUT's Entrepreneurial Centre
- Alumni Bursary Fund
- Energy-Water-Food-Climate Nexus Summit 2024 (MUT co-hosting with FAMU)



Sondela! Your time is now!

The **R100m & Change** is a call to action for every MUT alumnus to contribute to redefining the future of their alma mater in a manner that leaves a legacy. The 10 goals of this project are intentionally diverse to accommodate all the members of the alumni community in different stages of their lives and the networks they have established.

A university is as strong as its alumni: the time for MUT alumni is NOW!

Make your contribution today: www.mut.ac.za/alumni

alumni@mut.ac.za





PLEDGE FORM

1. Your details

Name & Surname: _____
Organisation: _____
Contact person: _____
Mobile No.: _____ Tel: _____
Email: _____

2. Project/s

3. Payment

I (we) pledge a total of R_____ to be paid

Now Monthly Quarterly Annually

I (we) plan to make this contribution in the form of an EFT Credit card Other

Authorised signature _____

I (we) wish to have our gift remain anonymous

“ My signature below acknowledges that I pledge or make a donation in the amount stated below in support of Mangosuthu University of Technology

”

Banking Details

Bank: ABSA
Account Holder: Mangosuthu University of Technology
Account Type: Business or Commercial Account
Account Number: 40-7755-0173
Reference: 6601/22690



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