VAAL UNIVERSITY
OF TECHNOLOGY

ENGINEERING &
TECHNOLOGY

TUESDAY,
16 SEPTEMBER 2025
SPRING GRADUATIONS 2025

MOKETE WA DIKAPESO TSA BAITHUTI WA SEHLA SA LEHWETLA - 2025

DIKAPEŠO TŠA BAITHUTI TŠA SEHLA SA LEHLABULA 2025

VUT Road to 60 campaign

The VUT Road to 60 campaign is an exciting initiative leading up to the university's diamond jubilee in June 2026. Running from August 2025 to June 2026, the campaign is designed to:

- Celebrate VUT's 60th anniversary by honouring its history and legacy.
- Strengthen institutional pride and identity among staff, students, alumni, and external stakeholders.
- Mobilise resources and partnerships to support the university's long-term sustainability and growth.
- Enhance VUT's reputation and visibility locally, nationally, and internationally.

The campaign includes a series of activations, events, and communications across the university, such as alumni engagement, donor mobilisation, student and staff activations, and outreach to external stakeholders. It is not only a commemorative activity but also a strategic positioning platform that aligns VUT's brand with its long-term ambitions.

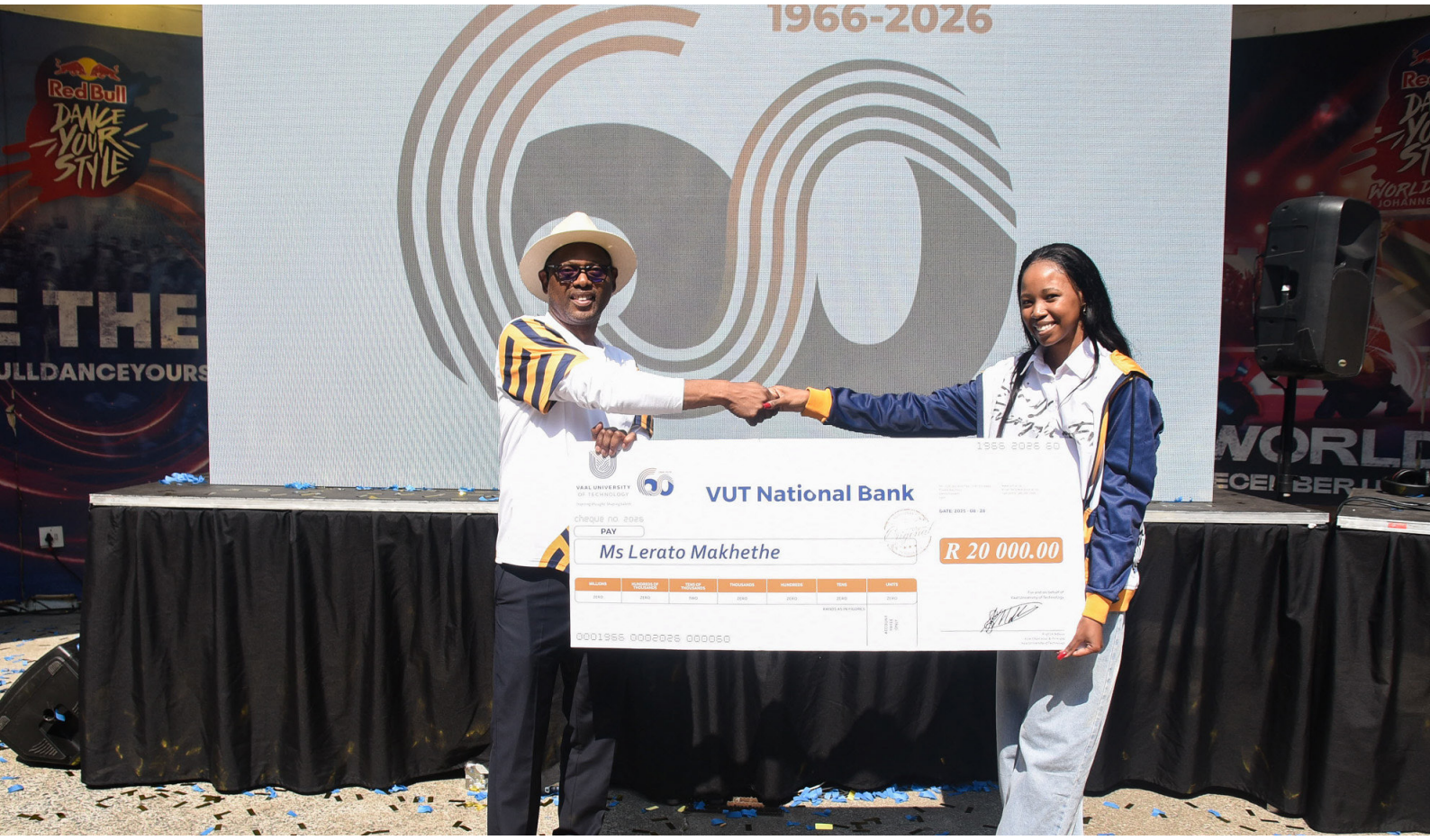
CAMPAIGN LOGO

FLOW OF LEGACY 1966–2026

Designed by Ms Lerato Makhethe, a student in the Department of Visual Arts and Design, this emblem celebrates 60 years of strength, unity, and purpose at the Vaal University of Technology. The '6' and '0' are seamlessly connected by a ribbon, symbolising an institution that has stood firm and connected for six decades. Incorporating the VUT shield, the four lines complement the original logo. The ribbon, inspired by the Vaal River, flows from the '0' to the base of the '6', representing a gateway to the future. The design captures VUT's forward-looking vision while honouring its enduring legacy.

Join us as we celebrate the university's past, present, and future.


VUT National Bank
Ms Lerato Makhethe
R 20 000.00


1966-2026
Red Bull
DANCE YOUR STYLE
VUT National Bank
Ms Lerato Makhethe
R 20 000.00

SESOTHO

Letsholo la VUT la Tsela e lebisang dilemong tse 60

Letsholo la VUT la Tsela e lebisang dilemong tse 60 ke mohato o thabisang o lebisang ho jubile ya taemane ya yunivesithi ka Phuptjane 2026. Ho tloha ka Phato 2025 ho isa Phuptjane 2026, letsholo le etseditswe ho:

- Keteka sehopotso sa bo60 sa VUT ka ho hlompha nalane le lefa la yona.
- Matlafatsa boikgantsho le boitsebahatso ba setheo hara basebetsi, baithuti, baithuti ba kgale le bankakarolo ba kantle.
- Kopanya disebediswa le dilekane ho tshehetsa yunivesithi e tsitsitseng le kgolo ya nako e telele.
- Ntlafatsa serithi le ponahalo ya VUT sebakeng sa heno, naheng ka bophara le matjhabeng.

Letsholo lena le kenyelletsa letoto la tshebetso, diketsahalo le dikgokahano ho pholletsa le yunivesithi, jwalo ka boitlamo ba baithuti ba kgale, ho bokella bafani, tshebetso ya baithuti le basebetsi le ho fihlella bankakarolo ba kantle. Ha se ketsahalo ya sehopotso feela empa hape ke sethala sa maemo a leano se hokahanyang letshwao la VUT le ditabatabelo tsa lona tsa nako e telele.

LETSHWAO LA LETSHOLO

PHALLO YA LEFA 1966–2026

Letshwao lena le entswe ke Mof. Lerato Makhethe, moithuti Lefapheng la Bonono le Boqapi ba tsa Pono, le keteka dilemo tse 60 tsa matla, bonngwe le morero Yunivesithing ya Thekenoloji ya Lekwa. '6' le 'o' di hoketswe ka lente, ho tshwantsha setheo se ileng sa ema se tiile mme se hokahane ka dilemo tse mashome a tsheletseng. Ho kenyelletsa thebe ya VUT, mela e mene e tlatsana le letshwao la mantlha. Lelente, le buduletsweng ke Noka ya Lekwa, e phalla ho tloha 'o' ho ya botlaaseng ba '6', e emelang monyako wa bokamoso. Moralo ona o hapa pono e shebileng pele ya VUT ha o ntse o hlompha lefa la wona le tshwarellang.

E ba le rona ha re ntse re keteka yunivesithi ya nakong e fetileng, ya hona jwale le ya bokamoso.

SEPEDI

Lesolo la leeto la VUT la go ya mengwageng ye 60

Lesolo la leeto la VUT la go ya mengwageng ye 60 ke kgato ye e kgahlišago yeo e lebišitšego go taemane ya jubilee ya yunibesithi ka kgwedi ya Ngwatobošego 2026. Go tloga ka kgwedi ya Phato 2025 go fihla ka kgwedi ya Phupu 2026, lesolo le le hlametšwe go:

- Go keteka segopotšo sa ngwaga wa bo 60 sa VUT ka go hlompha histori le bohwa bja yona.
- Go tiiša boikgantšho le boitšhupo bja setheo magareng ga bašomi, baithuti, baithuti ba kgale, le bakgathatema ba ka ntle.
- Go kgoboketša methopo le ditirišano go thekga go tšwelapele le kgolo ya nako ye telele ya yunibesithi.
- Go godiša seriti le ponagatšo ya VUT mo selegaeng, nageng, le boditšhabatšhabeng.

Leeto le le akaretša tlhatlamano ya meletlo, ditiragalo, le dikgokagano go ralala le yunibesithi, bjalo ka tlemano le baithuti ba kgale, go hwetša baabi, meletlo ya baithuti le bašomi, le go fihlelela bakgathatema ba ka ntle. Ga se fela mošomo wa segopotšo eupša ke sefala sa go beakanya maemo a maano ao a kopanyago leina la VUT le phišagelo ya yona ya nako ye telele.

LESWAO LA LESOLO

TŠWETŠOPELE YA BOHWA 1966–2026

Leswao leo le hlamilwe ke Mohumagadi Lerato Makhethe, moithuti ka Lefapheng la Bokgabo bja go Bonwa le Bohlami, le keteka mengwaga ye 60 ya maatla, kopano le maikemišetšo Yunibesithing ya Theknolotši ya Vaal. Dinomoro tše '6' le 'o' tšeo di kgokagantšwe gabotse ka lelente, di laetša setheo seo se emego se tiile ebile se kgokagane mengwagasome ye tshela. Go akaretša seka sa tšhireletšo sa VUT, methaladi ye mene e tlaleletša leswao la mathomo. Lelente, le hlohleleditšwe ke Noka ya Vaal, le elela go tšwa go 'o' go ya motheong wa '6', go emela kgoro ya go ya go bokamoso. Moakanyetšo o laetša pono ya VUT ya go lebelela pele mola o hlompha bohwa bja yona bjo bo sa felego.

Eba le rena ge re keteka tša moragorago, tša bjale, le bokamoso bja yunibesithi.

VAAL UNIVERSITY
OF TECHNOLOGY

TO THE CLASS OF 2025

Esteemed Graduates, Distinguished Guests, Faculty Members, Families, and Friends

Today we gather in the spirit of Spring, a season of renewal, to celebrate the remarkable achievements of the Class of 2025. This day is not only a recognition of your dedication and perseverance, it is a call to rise and play your part in shaping the future.

South Africa continues to face complex challenges. Unemployment remains stubbornly high, poverty persists, and inequality continues to test our collective resolve. These realities cannot be ignored. Yet they are not immovable. They are waiting for innovators, leaders and visionaries, people like you, to bring forth solutions that transform hardship into opportunity.

At the Vaal University of Technology (VUT), you have been equipped with more than academic knowledge. You have gained resilience, sharpened your critical thinking, and embraced collaboration. These are the tools that empower you to create employment, to build enterprises, to lead with integrity, and to contribute meaningfully to society.

As we approach VUT's **Diamond Jubilee in June 2026**, celebrating sixty years of academic excellence and innovation, you carry forward a proud legacy. The Road to 60 campaign is not just about commemorating our past, it is about charting a bold path into the future. You, our graduates, will be the living testament to this legacy. Your contributions in industry, research, and community development will give substance to the promise of the next sixty years.

This season reminds us that every ending is also a new beginning. Like Spring itself, your journey is a renewal: of dreams, of purpose, of hope. The knowledge you have gained is not a finished story, but a seed. And seeds demand to be planted, nurtured, and allowed to bloom into something greater than themselves.

As you step beyond these gates, I challenge you to:

- **Be Builders of Legacy:** As VUT approaches sixty years, carry its story forward by writing new chapters of excellence and innovation.
- **Be Voices of Courage:** In a world clouded by uncertainty, speak with clarity, truth, and conviction.
- **Be Stewards of Possibility:** Create spaces where others may grow, where communities may thrive, and where progress becomes inevitable.

Do not measure your success only in what you achieve, but also in how many lives you touch, how many doors you open, and how many futures you help shape.

Today, you join the long line of VUT graduates who have carried our institution's values into the world. Tomorrow, you will be remembered not just for what you became, but for what you enabled others to become.

Graduates of Spring 2025: this is your season. Step forward with the energy of renewal, the pride of sixty years behind you, and the vision of a brighter tomorrow ahead.

Congratulations. The world is ready for you.

I thank you.

SESOTHO

HO SEHLOPHA SA 2025 – MEKETE YA DIKAPESO TSA SELEMO

Maapara kobo ya thuto ba hlomphehang, Baeti ba Hlomphehang, Ditho tsa Fakhalethi, Malapa le Metswalle

Kajeno re bokana ka moya wa Selemo, nako ya ntjhafatso, ho keteka dikatleho tse makatsang tsa Sehlopha sa 2025. Letsatsi lena ha se feela kananelo ya boinehelo le mamello ya hao, ke pitso ya ho tsoha le ho bapala karolo ya hao ho bopeng bokamoso.

Aforika Borwa e tswelapele ho tobana le diphephetso tse rarahaneng. Ho hloka mosebetsi ho ntse ho phahame ka manganga, bofuma bo ntse bo tswelapele mme ho se lekane ho ntse ho tswelapele ho leka boikemisetso ba rona bo kopanetsweng. Dintho tsena tsa sebele di ke ke tsa hlokomolohuwa. Le ha ho le jwalo ha di sisinyehe. Ba emetse baqapi, baetapele le ba bonang dipono, batho ba kang wena, ho hlahisa ditharollo tse fetolang mathata monyetla.

Kwano Yunivesithing ya Thekenoloji ya Lekwa (VUT), o hlomeletswe ka tsebo e fetang ya thuto. O se o tiile, o tjhorisitswe monahano wa hao o tebileng mme o amohetse tshebedisano. Tsena ke disebediswa tse o matlafatsang ho theha mesebetsi, ho aha dikgwebo, ho etella pele ka botshepehi le ho ba le seabo ka mokgwa o utlwahalang setjhabeng.

Ha re ntse re atamela ***Diamond Jubilee ya VUT ka Phuptjane 2026***, re keteka dilemo tse mashome a tsheletseng tsa bokgabane dithutong le boqapi, o ntshetsa pele lefa la boikgantsho. Letsholo la Road to 60 ha se feela ho ikgopotsa nako ya rona e fetileng, e mabapi le ho rala tsela e sebete ya bokamoso. Lona, baithuti ba rona, le tla ba bopaki bo phelang ba lefa lena. Menehelo ya hao indastering, dipatlisisong le ntshetsopeleng ya setjhaba e tla fana ka bohlokwa tshepisong ya dilemo tse mashome a tsheletseng tse tlang.

Sehla sena se re hopotsa hore pheletso e nngwe le e nngwe le yona ke qalo e ntjha. Jwalo ka Selemo ka bosona, leeto la hao ke ntjhafatso: ya ditoro, morero, tshepo. Tsebo eo o e fumaneng ha se pale e felileng, empa ke peo. Mme dipeo di hloka ho lengwa, ho hlokomelwa le ho dumellwa ho thunya ho ba ntho e kgolo ho feta bona.

Ha o feta diheke tsena, ke o phephetsa ho:

- ***E-bang Bahahi ba Lefa:*** Ha VUT e ntse e atamela dilemo tse mashome a tsheletseng, ntshetsa pale ya yona pele ka ho ngola dikgaolo tse ntjha tsa bokgabane le boqapi.
- ***E-bang Mantswe a Sebete:*** Lefatsheng le kwahetsweng ke ho hloka botsitso, bua ka ho hlaka, nnete le kgodiseho.
- ***E-bang Batsamaisi ba Monyetla:*** Theha dibaka tseo ba bang ba ka holang ho tsona, moo setjhaba se ka atlehang le moo tswelopele e fetohang e ke keng ya qojwa.

O se ke wa lekanya katleho ya hao feela ho seo o se finyellang, empa hape le hore na o ama bophelo bo bokae, o bula mamati a makae le hore na o thusa bokamoso bo bokae.

Kajeno, o kenela lenane le lelelele la baithuti ba VUT ba nkileng ditekanyetso tsa setheo sa rona lefatsheng. Hosane, o ke ke wa hopolwa eseng feela ka seo o bileng sona, empa ka seo o thusitseng ba bang ho ba sona.

Maapara kobo ya thuto ba Selemo ba 2025: sena ke sehla sa hao. Tswelapele ka matla a ntjhafatso, boikgantsho ba dilemo tse mashome a tsheletseng ka mora hao le pono ya hosane e kganyang ka pele.

Ke a leboha. Lefatshe le le emetse.

Ke a leboha.

SEPEDI

BAITHUTI BA 2025 – MELETLO YA DIKAPEŠO TŠA SERUTHWANE

Dialoga tše di hlomphegago, Baeti ba go Ikgetha, Maloko a Difakhalithi, Ba Lapa, le Bagwera

Lehono re kgobokane ka moya wa seruthwane, sehla sa mpshafatšo, go keteka katlego ye botsebotse ya Baithuti ba 2025. Letšatši le ga se la fela go lemoga boikgafo le kgotlelelo ya lena, ke pitšo ya gore le eme le go raloka karolo ya lena ya go bopa bokamoso.

Afrika borwa e tšwelapele go kopana le ditlhohlo tše thata. Go hlokega ga mešomo go sale godimo kudu, bodiidi bo a ganelela, le go selekalekane go tšwelapele go lwantšhana le go rarolla ga rena. Mabaka a a bophelo a ka se hlokomologwe. Efela ga se ao a ka se fetošwego. A emetše bahlami, baetapele le ba go ba le pono, batho ba bjalo ka wena, go tliša ditharollo tšeo di ka fetolago mathata go ba monyetla.

Yunibesithing ya Theknolotši ya Vaal (VUT), le filwe go feta tsebo ya tša thuto. Le hweditše kgotlelelo, le kaonafaditše go gopola ka tsenelelo, le go amogela go šoma mmogo. Tše ke ditlabelo tša go le matlafatša go hlama mešomo, go aga dikgwebo, go etapele ka seriti, le go kgathatema ga go ba mohola setšhabeng.

Ka ge re e ya go Taamane ya ***Jubilee ya VUT ka Ngwatobošego 2026***, go keteka mengwaga ye masometshela ya bokgoni bja tša thuto le boitlhamelo, le ya pele ka bohwa bja go ikgantšha. Lesolo la Leeto la go ya go mengwaga ye 60 ga se fela segopotšo sa go keteka tša kgale, ke ka go tšea leeto la maatla la bokamoso. Lena, dialoga tša rena, le tla ba dipaki tša bohwa bjo. Go kgathatema ga lena go tlhabollo ya intasteri, nyakišišo le setšhaba go tla hlola morero go tshepišo ya mengwaga ye e tlago ye masometshela.

Sehla se se re gopotša gore go fela ga se sengwe ke mathomo a se sengwe. Bjalo ka Seruthwane, leeto la lena ke go mpshafatšwa: ga ditoro, maikemišetšo le tshepho. Tsebo yeo le e hweditšego ga se kanegelo yeo e feletšego, efela ke peu. Gomme dipeu di nyaka go bjalwa, go nošetšwa, le go dumelelwa go thunya go ba tše di kaone.

Ge le sepela go tšwa dikeiting tše, ke le tlhohla go:

- ***Ba Baagi ba Bohwa:*** Ka ge VUT e fihlelela mengwaga ye masometshela, išang kanegelo pele ka go ngwala dikgaolo tše dimpsha tša bokgoni bjo bo botsebotse le boitlhamelo.
- ***Ba Mantšu a Bagale:*** Lefaseng la go hloka bonnete, bolelang ka go kwagala, go ba le nnete le mmono.
- ***Ba Baabi ba Kgonagalo:*** Dirang dibaka tša moo ba bangwe ba ka golago, ditšhaba di ka atlegago, le moo tšwelopele e diragalago.

Le seke la lekanyetša katlego ya lena go seo le se fihlelelago fela, eupša le go maphelo ao le a fetolago, mabati ao le a bulago, le bokamoso bjo le thušago go bo bopa.

Lehono, le tsena mothalading wo mo telele wa dialoga tša VUT tšeo di išago ditekanyetšo tša setheo lefaseng. Gosasa, le ka se gopolwe fela ka seo le bilego sona, eupša ka seo le kgontšhitšego ba bangwe go ba sona.

Dialoga tša Seruthwane sa 2025: se ke sehla sa lena. Eyang pele ka maatla a mphsafatšo, boikgantšho bja mengwaga ye masometshela, le pono ya bokamoso bja go kganya.

Re a le lebogiša. Lefase le le emetše.

Ke a leboga.

VAAL UNIVERSITY OF TECHNOLOGY

OFFICE BEARERS
BALAODI | BALAODI BA OFISI

Mr VZ Mntambo
Chancellor
LL.M (Yale), LLB (Unibo);B.Iuris.

Prof MJ Radebe
Chairperson of Council : 2022 – 2025
PhD : Media Studies (WITS), MA and BA Hons : Journalism and Media Studies (WITS),
BSc : Computer Sciences (VISTA)

Prof SK Ndlovu
Vice-Chancellor & Principal
DEd (UZ), M Ed (UKZN), B Ed (UZ), B Paed (UZ),
SSTD (UZ), EDP (SU)

Ms T Maluleke
Registrar (Acting)
MBA (GIBS), PGDip(GIBS), PGDip (UJ), Btech (TUT), NDip (TUT)

Mr SA Mahlalela
Deputy Vice-Chancellor: Resources & Operations
Executive Leadership Development (Harvard University), MBA(Regent Business School), CA(SD), FCCA(UK).

Dr MG Kanakana-Katumba
Deputy Vice-Chancellor Teaching & Learning
Dphil (UJ), MSE (GWU), MBA (NMMU), BTECH (TUT) and ND (TUT)

Dr SM Nelana
Deputy Vice-Chancellor: Research, Innovation, Commercialisation and Internationalisation
PhD (UJ), MSc (UWC), BSc Hons (UWC), BSc (UWC)

Ms N Dhumazi CA(SA)
Chief Financial Officer
MBA (Henley Business School), MCOM (UP); BCOMPT Hons (UNISA), BCOM (UNIVEN)

VAAL UNIVERSITY OF TECHNOLOGY

EXECUTIVE DEANS
DIDINI TSA PHETHAHATSO | DIDINIPHETHISI

Dr N Mkhumbeni
Executive Dean: (Acting)
Applied & Computer Sciences
PhD (TUT), MTech (VUT), PGDip (RBS), BTech (CPUT), NDip (PT)

Prof C Mafini
Executive Dean:
Management Sciences
PhD (NWU), DTech: (VUT), ADHE (UFS), MSC (CUT), BBA (MSU), ADP (UFS)

Prof K Abou-El-Hossein
Executive Dean:
Engineering And Technology
PhD: Eng (NTU, Ukraine), MSc: Eng (NTU, Ukraine), Grad.Cert: (Curtin, Aus)

Prof L Maleho
Executive Dean:
Human Sciences
DTech: (TUT), MTech: (VUT), BTech (VUT), N.Dip: (VUT)

HONORARY DOCTORATES

2002:
Archbishop Emeritus D Tutu - Humanities

2006:
Prof M Hinoul – Extraordinary Professorship
Dr Adv PDF Tlakula - Legal Studies
Dr M Oliphant - Sports Management

2008:
M Mangena - Applied Sciences
Adv IA Semenya - Law
DN Koloane - Fine Arts
SM Pityana - Humanities
Adv G Bizos - Law
Archbishop WHN Ndungane - Humanities

2011:
H Masekela - Human Sciences

2012:
Reverend BE Lekganyane - Human Sciences
M Mohapi (posthumously) - Human Sciences

2013:
Judge MM Mabesele - Human Sciences
G Immelman - Engineering

2016:
B E E Molewa - Applied Sciences
T Tebeila - Business Administration
I I Sooliman (Dr) - Humanities
J B Irkhede - Arts and Design Human Sciences
Mme C M Nku (posthumously) - Human Sciences

2018:
M Meyer - Management Sciences
T Makgoe - Human Sciences

2019:
Z V Sobukwe (posthumously) - Humanities

VAAL UNIVERSITY OF TECHNOLOGY

ORDER OF PROCEEDINGS
MOKGWA WA TSAMAISO YA MOSEBETSI | TATELANO YA LENANEO

The Academic Procession enters the Desmond Tutu Great Hall
Mokoloko o kena setsing sa kopanelo Desmond Tutu
Molokoloko wa Dirutegi o tsena ka Holong ya Desmond Tutu

The Vice-Chancellor & Principal Constitutes the Congregation
Motlatsa-Motjhanselara le Mosuwehlooho o Bula Mosebetsi Semmuso
Motlatša Mokhatshelara le Hlogo o Bula Kopano Semmušo

NATIONAL ANTHEM
PINA YA SETJHABA | KOŠA YA SETŠHABA

PRAYER AND WELCOME
THAPELO LE KAMOHELO | THAPELO LE KAMOGELO

ADDRESS BY GUEST SPEAKER
PUO KA SEBUI SA LETSATSI | POLELO KA SEBOLEDI SA LETŠATŠI

PRESENTATION OF GRADUANDS
DIKAPESO | DIKAPEŠO

Executive Dean
Dini ya Phethahatso | Diniphethiši

CONGRATULATORY MESSAGE TO STUDENTS
TAKALETSO YA MAHLOHONOLO HO BAITHUTI | MOLAETŠA WA DITEBOGIŠO GO BAITHUTI
Vice-Chancellor & Principal
Motlatsa-Motjhanselara le Mosuwehlooho | Motlatša Mokhantshela le Hlogo

Vice-Chancellor & Principal Dissolves the Congregation
Motlatsa-Motjhanselara le Mosuwehlooho o Qhala Kopano | Motlatša Mokhatshelara le Hlogo o Phatlalatša Kopano

The Academic Procession leaves the hall, followed by Guests.
Mokoloko o tswa setsing sa kopanelo, o latelwa ke baeti ba bohlokwa.| Molokoloko wa Dirutegi o tšwa ka holong, o latelwa ke Baeng

The congregation is requested to rise and remain standing when the academic procession enters and leaves the hall.
Phutheho e koptjwa ho ema ha Mokoloko o tswa setsing sa kopanelo | Batho ba kgopelwa go ema ge molokoloko wa dirutegi o tsena le go tšwa ka holong.

NATIONAL ANTHEM

Nkosi sikelel' Afrika
Maluphakanyisw' uphondo lwayo,
Yizwa imithandazo yethu,
Nkosi sikelela, thina lusapho lwayo.

Morena boloka setjhaba sa heso,
O fedise dintwa le matshwenyeho,
O se boloke, O se boloke setjhaba sa heso,
Setjhaba sa South Afrika - South Afrika.

Uit die blou van onse hemel,
Uit die diepte van ons see,
Oor ons ewige gebergtes,
Waar die kranse antwoord gee,

Sounds the call to come together,
And united we shall stand,
Let us live and strive for freedom,
In South Africa our land.

VAAL UNIVERSITY OF TECHNOLOGY

GENERAL ANNOUNCEMENTS

Ditsebiso | Ditsebišo

In order to maintain the dignity of the ceremony, you are requested to take note of the following:

- The congregation is requested to rise and remain standing when the academic procession enters and leaves the hall.
- Do not move around during the ceremony in order to take photographs.
- Please refrain from unacceptable actions such as whistling.
- Please switch off your cellphone.
- We strive to conduct the ceremonies in a dignified manner, please do not leave the hall before the graduation proceedings have been concluded.
- Qualifications of candidates who are unable to attend the graduation ceremony will be conferred in absentia.

VAAL UNIVERSITY OF TECHNOLOGY
ENGINEERING & TECHNOLOGY

FACULTY OF ENGINEERING AND TECHNOLOGY

10:00 - 16 SEPTEMBER 2025

DIPLOMA IN **CHEMICAL ENGINEERING** M+3

HLOPE Noluthando
KHOZA Vulani Carrin
LEHONG Matome Fortune
MABASO Addilandy Claire
MAKHADO Pfanelo
MAKHAFULA Penelope Lesedi
MAKHUBELE Ntsetselelo
MALATJI Bonolo
MARUMO Amogelang
MASHABELA Glenda Mahlako
MASHILO Tshepo
MAZIBILA Briliant
MNISI Bandile Together
MOLEFE Potso
MOLOANTOA Mpho Veronica
MTHAMBAMA Banele Princess
MTHETWA S'Thandiwe S'Bongokuhle
MUDAU Ndivhuwo
NASE Lungile
NDLOVU Sean
NHLABATHI Lindiwe Makhosazana
NKAU Felicity
NKOSI Thando Cassandra
PHOLOTHO Pollet
SIPHALANA Ntsako
TEMBE Mxolisi Cebo
THUSINI Mcebisi
TJEBANE Malesele Mahlogolonolo
TLOU Nana Michelle
TSHABALALA Ntokozo Foxy
TSHINAVHE Fhumulani

DIPLOMA IN **MECHANICAL ENGINEERING** M+3

BAPELA Gift Mosese
BEBEDA Murangi
CHAUKE Hletelo Pinovia
CHAUKE Musa Malven
CHAUKE Ntsako Nhleko
CHEGO Gift
DENGA Hulisani
DITEHO Omphemetse Shepard
DZAGA Lemogang Vincent
HLUNGWANI Nhlaluko Junaid
HLUNGWANI Nikiwe Blessing
JOKA Mueletshedzi
KANETSI Kekeletso Henriette
KEKANA Mokgalo Charles
KGOPA Kopano Dalsy
KHANYE Kagiso
KHOSA Nhlamulo Pearl
KOPANE Mokhele Herry
KUNENE Bongumusa Phumlani
LEBESE Marjest Abia
LEKWADU Thabiso
LETSOALO Mokgano Kutullo
LETSOALO Serurubele Samuel
MAAKE Tumelo Chris
MABADA Rotshidzwa
MABILO Motshepegi
MABUNDA Akani
MABUNDA Fuwo Verron
MABUNDA Herschel
MAGWETE Seemole
MAHALEPA Malehlohonolo
MAKAULA Mlungisi

VAAL UNIVERSITY OF TECHNOLOGY
ENGINEERING & TECHNOLOGY

DIPLOMA IN **MECHANICAL ENGINEERING** M+3

MAKHUBELA Isabel
MAKHUBELA Nsovo Vukona
MAKOLANE Abram
MALATJI Kabelo Andries
MALEBANA Phakisho Moetjie
MALEKA Raisibe Masehlaba
MALONGOA Bokamoso Michael
MALULEKA Rebotile
MALULEKE Evans
MALULEKE Kgotso Bradley
MALWANE Alpha Zandy
MAPENA Bophelo Lesedi
MAPHATHE Vincent Molahlehi
MAPHETO Tlhologelo Mogomane
MAPHOLO Koketjo Morutse
MASHA Potego Elvin
MASHININI Keabetswe
MATHEBULA Musawenkosi Ntumelo
MATHEBULA Wiseman
MATHOHO Shandukani
MATLADI Tefo Iven
MATSANE Amukelani
MAZIBUKO Andile Beauty
MBOWANE Sinenhlanhla Leopidina
MBOWENI Mkhenso Imanent
MBUNGELE Kensley Kulani
MHLANGA Dzunisani Everton
MHLANGA Sipho
MHLANGA Solomon
MHLONGO Thabo
MKATSHWA Vanessa Jabulile
MKETO Liso
MKHONZA Khanyisile Glory
MLAUDZI Ipfi Herbert
MOFOKENG George Madiela
MOFOKENG Nozipho Lucia
MOKGOKOLOSHI Temosho Sekgwari
MOKGOTHO Tshepo Bridget
MOLAKENG Thabiso David
MONCHA Bahlotswe Cynthia
MOSOLA Katleho Edwin
MOTHA Sibusiso Lusanda
MOTSIELWA Mmathapelo Onalenna
MPANDE Azazole
MPHAHLELE Mahlodi
MPHUTHI Lazarus Tshepo
MTHIMDE Thamsanqa
MTJILEBE Boitumelo
MUELELWA Ndivhuwo
MUGERI Makhado
MUNYAI Mulinda Israel
MYEKI Mthokozisi
NCUBE Thando Frank
NDEBELE Nomvula
NDLOVU Peter Fezile
NDLOVU Tshepo
NDLOVU Vennesa Vukosi
NDLOZI Thabiso
NEMANDAVA Mulisa Comfort
NETHONONDA Phuluso
NGOBESE Masembonge
NGOMANE Khulani Micholin
NKOSI Nkosikhona Blessing
NOMNGANGA Lukhona
NOMVETE Cwayitile Artwell
NONYANE Peace Glen
NYATHE Thabo Samuel
PELOEOLE Lefa
RAMOKGOPA Ramite Thomas
RIKHOTSO Rito
SELIANE Tumelo Junior
SEOLWANE Obusitse Theophilus
SERUMULA Kwena Naledi Melanie
SIBANYONI Mxolisi Anton

DIPLOMA IN **MECHANICAL ENGINEERING** M+3

SIKHWIVHILU Evidence Ndiwavhudi
SWIKELANI Gundo
TIVANI Hlavutelo Mionel
TSEHLA Naphirwa Jeanette
TSHABALALA Vutomi Walter Junior
TSUNDU Karabo
VALA Sonwabile
WALAZA Nkosinathi Johannes
ZONDO Ayandisa Winette

DIPLOMA IN **METALLURGICAL ENGINEERING** M+3

CEBEKHULU Ayanda
CELE Minenhle Caiphus
KHOSA Sepedi Myles
MABASA Ntlhari
MABUNDA Bright Akani
MACHABELE Thabiso Thomas Life
MAHLANGU Godfrey Sibusiso
MALAPELA Lesego Novulo
MALULEKE Muhluri Pollen
MANGONYANE Thapelo Boipelo Lesedi
MARITI Itumeleng Arnold Lepamo
MBANJWA Qhamani
MDLALOSE Mbalenhle Precious Pearl
MHLANGA Nonkululeko Desiree
MOKWANA Mammolelo Tshegofatso
MOLOTO Kwena Florence
MOOTE Mmapaseka
MUSASA Kimwanga
NDLOVU Rhulani
NGCOBO Sandiswa
NYAKA Tsamaya Francina
RIKHOTSO Kurhula Velma
SILINDA Lulu Kimberly
VILAKAZI Thabang

ADVANCED DIPLOMA IN **CHEMICAL ENGINEERING** M+4

HLUNGWANA Lesson
HOAEANE Sydney
MAKGAHLELA Kelebogile Leago
MALENI Carlety
MATAMELA Asataluli Confidence
MAZIBUKO Samukelo
MTSHALI Nontuthuko
NGWENYA Leon Somandla
TSHABALALA Themba

VAAL UNIVERSITY OF TECHNOLOGY
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ADVANCED DIPLOMA IN **MECHANICAL ENGINEERING** M+4

CEKO Nkateko
HOMELA Cliff
MASHAO Moshahlama Arether
MASHOTJA Tiisetso Jackson
MAVHAUNGU Vhulenda
MKHIZE Londa
MORABA Tsepang
MOTAUNG Katleho Lornia
MPHAGA Awelani Rest
NEMAGOVHANI Andani Breat
RAMUDZULI Thabelo
WRIGHT Trinity Sempresser

ADVANCED DIPLOMA IN **METALLURGICAL ENGINEERING** M+4

MADAVHU Lineth Thifhelibilu
MALIMABE Lerato
MARIPANE Lesedi Hope
SITHOLE Sifanele

POST GRADUATE IN **CHEMICAL ENGINEERING** M+4

KHOROMMBI Aluwani
MALEPE Ngwanaphuti Jessica
NDABA Khanyisile

POST GRADUATE DIPLOMA IN **MECHANICAL ENGINEERING** M+4

DUBA Mandlenkosi Advocate
KHOZA Bonginkosi
MABASO Thandeka Precious
MANAMELA Koketso
MATUBA-TUBA Sethembizwe
NGOBENI Danny
RANTHO Ephrice Makgetle
SEKALELI Nthabiseng Getrude
SILANELA Sandile Prince
THUSI Thembelihle Carlito

POST GRADUATE DIPLOMA IN **METALLURGY ENGINEERING** M+5

MOYAN Dimakatso

MASTER OF ENGINEERING IN **CHEMICAL ENGINEERING** M+6

CUM LAUDE*

FUNANI Charmaine Kgomotso*

DISSERTATION: STRUVITE RECOVERY FROM ANAEROBICALLY DIGESTED WASTE ACTIVATED SLUDGE

SUPERVISOR: Dr Benton Otieno
CO-SUPERVISOR: Prof. John Kabuba Tshilenge
Prof. Peter Osifo

MUKENDI Musampa Papy

DISSERTATION: INVESTIGATION OF SOLVOMETALLURGICAL PROCESS FOR THE PRODUCTION OF HIGH PURITY LITHIUM NANO OXALATES FROM MANONO SPODUMENE

SUPERVISOR: Prof. John Kabuba Tshilenge
CO-SUPERVISOR: Prof. Bundjoko Kweto

NSEKE Makela Joseph

DISSERTATION: THE USE OF SURFACTANT -MODIFIED ZEOLITE AS AN ION EXCHANGE MATERIAL FOR SIMULTANEOUS REMOVAL OF OXYANIONS FROM AQUEOUS SOLUTION

SUPERVISOR: Prof. John Kabuba Tshilenge
CO-SUPERVISOR: Prof. Iyiola Olatunji

VAAL UNIVERSITY OF TECHNOLOGY
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MASTER OF ENGINEERING IN **MECHANICAL ENGINEERING** M+6

HADEBE Xolani Prince

DISSERTATION: FLOW PERFORMANCE ANALYSIS OF NON-RETURN MULTI DOOR REFLUX VALVE

SUPERVISOR: Prof. AA Alugongo
CO-SUPERVISORS: Prof. BX Tchomeni
Mr. DF Sozinando

MASTER OF ENGINEERING IN **METALLURGICAL ENGINEERING** M+6

KHAMBULE Keitumetse Paula

DISSERTATION: DEZINCIFICATION OF BOF DUST FOR CONCENTRATE FEED TO SINTER PRODUCTION

SUPERVISOR: Prof. Iyiola Olatunji OTUNNIYI

MOSHOESHOE Mmabatho Katiso

DISSERTATION: TREATMENT REMOVAL OF NI2+ AND CO2+ HEAVY METAL IONS FROM SYNTHESIZED ACID MINE DRAINAGE USING UNTREATED FLY ASH AND SLAG

SUPERVISOR: Prof. John Kabuba Tshilenge
CO-SUPERVISOR: Mr Itumeleng Kohithetse

DOCTOR OF **PHILOSOPHY (PHD) IN CHEMICAL ENGINEERING** (M+7)

ALI Johra Said

THESIS: BIODIESEL PRODUCTION FROM WASTE COOKING OIL USING IRON AND STEEL INDUSTRY SLAG AS HETEROGENEOUS CATALYST

PROMOTER: Prof. Hilary Rutto
CO-PROMOTER: Prof. Tumisang Seodigeng

ABSTRACT:
The global pursuit of renewable energy has necessitated the importance of biodiesel as a sustainable alternative to fossil fuels. However, challenges such as the high production costs and the environmental impact of waste materials have envisaged innovative approaches. This study aimed to explore the potential utilization of industrial byproducts, Basic Oxygen Furnace Slag (BOFS) and Blast Furnace Slag (BFS), as heterogeneous catalysts for biodiesel production through the transesterification of waste cooking oil (WCO). These slag materials were characterized before and after modification through chemical and thermal processes and then utilized as heterogeneous catalyst in transesterification. The transesterification process was optimized using Central Composite Design (CCD) and Box-Behnken Design (BBD) in Response Surface Methodology (RSM) integrated with Artificial Neural Networks (ANN) and Adaptive Neuro-Fuzzy Inference Systems (ANFIS) by varying methanol to oil ratio, reaction time and catalyst amount. The experimental data was then fit to kinetic models. From the characterization techniques, XRD, XRF, BET, SEM-EDS and Hammet Indicator titration confirmed the presence of calcium oxide and Iron oxide respectively (36.03%, 24.27%) as the dominant phases in BOFS with enhanced crystallinity after thermal modification at 850 °C correlating with its higher catalytic activity, high basicity and a significant pore diameter; similarly, BFS exhibited lower content of the two oxides (32.56%, 0.75%) and inferior crystallinity after impregnation with a 30% concentration of potassium hydroxide. Experimental findings revealed that the BOFS 850 catalyst achieved an optimal biodiesel yield of 91.73% under conditions of a methanol-to-oil molar ratio of 23.5:1, catalyst loading of 20.4 wt. %, reaction temperature of 60 °C, and a reaction time of 3 hours. Meanwhile, 30% of the BFS/KOH catalyst yielded 93.15 % under a methanol-to-oil molar ratio of 15:1 and catalyst loading of 5 wt. %, reaction temperature of 60 °C, and a reaction time of 10.3 hours. Gas Chromatography-Mass Spectrometry (GC-MS) confirmed the successful conversion of triglycerides into fatty acid methyl esters (FAME) by both catalysts, The biodiesel produced exhibited a cloud point temperature of -4 °C, kinematic viscosity of 3.5 mm^2/s, and a density of 831 kg/m3, meeting the required fuel standards. Kinetic modeling revealed that the transesterification reaction followed pseudo-first-order kinetics for BOFS and BFS catalysts. The rate constant (k) for BOFS was significantly higher (0.31942 min^{-1}) compared to BFS (0.04296 min^{-1}), indicating a faster reaction rate and greater catalytic efficiency. RSM and ANN demonstrated robust predictive capabilities, with R^2 values exceeding 0.98. The reusability tests indicated that both the catalysts retained over 60% of their activity after three cycles. The dual benefits of producing clean energy and mitigating industrial waste suggest the strategic importance of the study in the global transition toward renewable energy and a circular economy.

VAAL UNIVERSITY OF TECHNOLOGY
ENGINEERING & TECHNOLOGY

DOCTOR OF **PHILOSOPHY (PHD) IN CHEMICAL ENGINEERING** (M+7)

MWENGE Kilunji Pascal

THESIS: APPLICATION OF MACHINE LEARNING AND KINETICS STUDY OF BIODIESEL PRODUCTION CATALYSED BY GEOPOLYMER HETEROGENEOUS CATALYST

PROMOTER: Prof. Hilary Rutto
CO-PROMOTER: Prof. Tumisang Seodigeng

ABSTRACT:

This study investigates the application of machine learning and optimisation of biodiesel production from waste cooking oil (WCO) and animal fats, employing kaolinite geopolymer and blast furnace slag geopolymer (BFSG) as sustainable heterogeneous catalysts. The research combines machine learning (ML) techniques: artificial neural networks (ANN) and adaptive neuro-fuzzy inference systems (ANFIS) with kinetic studies and response surface methodology (RSM) to improve process efficiency. A Central Composite Design (CCD) was employed to optimise critical parameters, including the methanol-to-oil ratio, catalyst loading, reaction temperature, and reaction time. ML predictive models were developed using MATLAB for ANN, ANFIS, and Design Expert for RSM polynomial regression. Catalyst suitability was determined using SEM, FTIR, and XRD characterisation techniques. Under optimal conditions, kaolinite geopolymer achieved a biodiesel yield of 93.49% from WCO, while BFSG yielded 98.64% (WCO) and 97.44% (animal fats). Kinetic study indicated pseudo-first-order kinetics as more suitable, with activation energies of 58.88 kJ/mol (WCO) and 43.76 kJ/mol (animal fats) for BFSG-catalysed reactions. ChemCAD simulation of WCO-BFSG transesterification demonstrated a 99.18% conversion rate. Comparative ML study revealed ANFIS as the most accurate predictive approach, with R^2 values of 0.97 (WCO, kaolinite), 0.996 (WCO, BFSG), and 0.986 (animal fats, BFSG), and RMSE values of 2.139, 1.429, and 1.714, respectively. This research demonstrated the potential of industrial waste-derived catalysts and ML in optimising biodiesel production. Future work will explore catalyst large-scale synthesis optimisation and predictive modelling of biodiesel physicochemical properties, such as viscosity and cetane number, further advancing sustainable biofuel technologies. further analysed utilising a thematic qualitative analysis technique. This is a method that is widely used in qualitative research to identify, analyse, and report patterns or themes within a dataset. The analysis made it abundantly evident that the regulatory logics of funders and local contexts dominated in forming the accountability systems of the NGOs that were selected. The results showed that NGOs do not currently provide information that can be used to make effective decisions that are appropriate for all stakeholders. A model was developed using data from the study of NGOs' annual reports as well as stakeholders interviews. The model was developed to aid NGO annual report preparers in compiling fair and comparable reports regarding commonly accepted accountability standards. During document analysis, certain elements known as the key performance areas required to be mentioned in the annual report of NGOs were identified. These indicators are missing in the current annual reports of NGOs. The findings have implications for comprehending NGOs reporting procedures and there is a claim that NGOs are beginning to utilise expanded accountability logics, like integrated reporting, local accountability, and financial and non-financial reporting. The study's conclusions were examined and assessed using the institutional logics theory as a lens.

FACULTY OF ENGINEERING AND TECHNOLOGY

14:00 - 16 SEPTEMBER 2025

DIPLOMA IN **CIVIL ENGINEERING** M+3

BHILA Thuto Ngazana
CHAUKE Nhlalala Joy
GACULA Simthebile
KAMSENZA Zanele Dolly
KHUMELA Nompumelelo Tshifhiwa
LANGA Mnotho Ntando
LELOPE Mosibudi
LETEBELE Gomolemo
MABASA Orttis
MABASA Talent Dyondzani
MAHANI Thakhani
MAHLANGU Leanne
MAKHWASA Nolwazi Thandoluhle
MANYONI Lwandile
MASANGO Samukelisiwe Angel
MELODI Thebe
MLAMBO Tania Kim
MNGUNI Precious
MOGAMISI Tlamelo
MOHLOLA Nyanese Joseph
MOROTA Nimrot Tumelo
MUDALAHOTHE Atendaho Dennis
MUDAU Asakundwi
NGWAQA Eden Siyabonga
NKUNA Ben Zipho Junior
NNDWAMBI Lesedi
NOGULA Luzuko
NQABENI Lumi Portia
PHAHLELA Khululekani Loyed
RADEBE Jabulani William
RAMELA Keamogetswe
SAUL Lesedi
SEKELE Kamogelo Naledi
SHINGWENYANI Rynellah
SIBEKO Ayanda
TLADI Kabelo Kamogelo
TSHABALALA Zethu Nomaswazi
TSHILONGO Oritonda
TSHISIKULE Pfanani

DIPLOMA IN **ELECTRICAL ENGINEERING** M+3

BATHU Lizalise
BOPAPE Refilwe Phetole
BUTHELEZI Thobeka Ziningi Nolwazi
CEKO Mybaby Surprice
CHAKAVARIKA Moses Ngonidzashe
CHIRWA Reuben
DHLAMINI Sibusiso Lawrence
DLAMINI Nkonzo Mpumelelo Marvelous
EBENSO Emmanuel Edididong Eno
GOVHOLA Kgotso Rahaba
HELEBE Vuyina
HLONGWANE Mbuso Siphamandla
IKANENG Given Teboho
KESWA Tlaleng
KHANYA Keabetswe Faith
KHOSA Dick
KHOSA Gift Crazewell
KHOSA Thrill
KHOZA Ripfumelo
KHUMALO Mixo
KHUMALO Sandile
KHUMALO Siphelelisiwe Angel
KHURUMEDZHA Lufuno Ruphus
KILANI Busiswa

VAAL UNIVERSITY OF TECHNOLOGY
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DIPLOMA IN **ELECTRICAL ENGINEERING** M+3

KOTELA Karabo
LAMBANI Rudzani
LEBEKO Mosala Simon
LEDWABA Thebe Lesiba Mokete
LENEA Retselisitsoe Justinus
LETLAKA Kamogelo Mothabathi
LUBANGI Mina Chris
LUSHABA Nothando Faith
MAAKE Katlego Tylo
MABENA Sipho Sifiso Simon
MABUZA Sabelo Sean
MACUACUA Karabo
MADUNA Nomfanelo Cythia
MAETLA Olerato Mmakgotso
MAGAGULA Phethile Prudence
MAHANUKE Nastacia
MAKAIPIA Seja Hector
MAKHUBU Mawasani Mehemiya
MAKOVHOLOLO Gift
MALATJI Ramodibana Lovemore
MALOPE Montle
MALULEKE Vukosi Celesta
MAMETJA Sthembiso Perseverance
MASHABA Marumo Owen
MASHEGO Kgotatso Innocent
MASHUMI Luyanda Lulama Sonwabile
MASIA Mulalo Shaun
MASUKU Standley
MATSHABANE Navil Makungu
MAVUNDLA Lindokhule True-Man
MBEBE Bandile Zenzele
METSING Elias Senoko
MHLABA Nyeleti Lessie
MKANSI Casbar Dallas
MKOSANA Sibabalwe
MNISI Joseph Confidence
MOABI Prince Lebadirang
MOFALADI Kopanang Reutlwahetse Gentle
MOFOKENG Atiso Austin
MOFOKENG Patrick Thabang
MOGALE Mogale Abednego
MOHALE Lorraine Mapula
MOHLOUOA Mampho Precious
MOKGETHI Koketso
MOKGWADI Rethabile Petronella
MOKOANE Tshwarelo
MOLONGOANA Palesa Lucia
MONAGANE Mpho Michael
MONAISA Matlhogonolo Bridgett
MONGENI Moloko Lucas
MOREJWANE Bokamoso
MOSITO Dimpho
MOTHOBI Enocent Mothuse
MSIBI Sandra
MTHETHWA Prince Lunga
MTHOMBENI Lebeko
MTHOMBENI Thembi
MTSHALI Gcinile Happiness
MTSHALI Sandile Buhlebuyeza
MTSOLONGO Lukhanyo
MUNYAI Rinae
MWILAMBWE Mayombo Jean
NDOU Thabelo Meshack
NKUNA Unity
NTINI Asamkele Cebolenkosi
NYOKONG Thapelo Patrick
PALE Charles Mkhulu
PHASWANA Wamaanda Mufhatutshedzwa
PHOOKO Sewela Praises
RADEBE Samo Sabino
RAMOVHA Ramaru Jonas
RATAMBANI Dayton
RAVELE Vhugala Theophilus
SADIKI Tshifhiwa Patience

DIPLOMA IN **ELECTRICAL ENGINEERING** M+3

SAMBO Norman
SEKGOBELA Lehlogonolo Derick
SEKOADI Kgaogelo Treasure
SETSHEHO Masoai Mary
SHABALALA Sithembile Angel
SHABANGU Cady Mapondo
SHELABYE Rhinah Mmaphefo
SHIBAMBU Nicholas Mzamani
SIBEKO Bongani Sizwe Blessing
SIBIYA Sanele Thobani
SIMELANE Xolani
SITHOLE Philton Nhlamulo
SKOSANA Precious Nosipho
THEMELI Ompha
TSAMANE Tinyiko
TSEBANE Kgaditsi Daniel
TSHUKUDU Mamatshana Magdaline
UTLA Phillimon
VILAKAZI Given Koketso
ZWANE Sbekezelo Sicelo

DIPLOMA IN **INDUSTRIAL ENGINEERING** M+3

LEGODI Tshwanelo Achievious
LESUFI Monthati Makgalane
LETSWALO Phutiana Naresybil
MABASA Khensa-Hosi Glen
MABASA Tsundzuka
MAHLAKGANE Malatji
MAHULUHULU Apfiwaho
MAILE Thabo Kevin Morena
MAKHUVHA Rendani
MAKONGOZA Rodwell
MASEMENE Kgothatso Daniel
MATSANE Simphiwe Clement
MBIZA Hlayisani
MLONYENI Makhotso
MNGUNI Phindile Sheila
MOANENO Lesedi Pako Bruce
MOELETSI Lerato Theresia
MOPELI Mpho Violet
MORWATSETLA Kholofelo
MOSWANE Thakgatso Johannes
MUREMI Tshinaki Juliet
NGOBENI Nhlavutelo
NONYANE Edmond
NSINGWANE Mbuso Goodwill
PHATHELA Makonde
SAMBO Vutlhari
SELALA Realeboga Palesa
SELWANE Hlompho Blessing
SILINDA Sithembiso
TSHAMALA Ruth
VILANE Makhosazane Lindokuhle

VAAL UNIVERSITY OF TECHNOLOGY
ENGINEERING & TECHNOLOGY

DIPLOMA IN **OPERATIONS MANAGEMENT** M+3

DIKGALE Malesela Edward
HLOPHE Adile Xabisokazi
LITHOLE Ronewa Ronald
MAHLALELLA Luyanda Assurance
MAYAYA Onwabile
MKHONZA Amahle Amanda
MOUTAUNG Mandisa
MUSHAPHO Manoka
NGOMANE Selby Bongihlanhla
NKOANE Kgaugelo Glen
RAMOHLOA Gorden Katlego
VHENGANI Masindi Cathrine
XABA Asiphile Samukelisiwe
YEKI Sesethu

ADVANCED DIPLOMA IN **ELECTRICAL ENGINEERING** M+4

ILUNGA Ngoy Fiston
MATIBIDI Thabo Nickel
MOYO Jameson Jimmy
MTHOMBENI Risuna Hope
NDZONDO Vuyani

ADVANCED DIPLOMA IN **INDUSTRIAL ENGINEERING** M+4

MLATA Siphesihle
MONARENG Kgothatso Tsobane
NETSHIONGOLWE Mbavhalelo

ADVANCED DIPLOMA IN **INDUSTRIAL ENGINEERING** M+4

MLATA Siphesihle
MONARENG Kgothatso Tsobane
NETSHIONGOLWE Mbavhalelo

ADVANCED DIPLOMA IN **OPERATIONS MANAGEMENT** M+4

RAMAHLATJI John

POST GRADUATE DIPLOMA IN **CIVIL ENGINEERING** M+5

MAGODLA Unenceba Qaqamba

POST GRADUATE DIPLOMA IN **INDUSTRIAL ENGINEERING** M+5

MATHEBULA Nomcebo Veronicah Mkabiso

POST GRADUATE DIPLOMA IN **OPERATIONS MANAGEMENT** M+5

RABINDA Tshedza Caiporia

VAAL UNIVERSITY OF TECHNOLOGY
ENGINEERING & TECHNOLOGY

MASTER OF ENGINEERING IN **CIVIL ENGINEERING** M+6

TSAWANI Hulisani

DISSERTATION: EMERGING CONSTRUCTION ENTERPRISES: THE REQUIRED SKILLS FOR SUCCESS IN SOUTH AFRICA

SUPERVISOR: Dr Marcellus Orando
CO-SUPERVISOR: Prof GM Ochieng'

MASTER OF ENGINEERING IN **ELECTRICAL ENGINEERING** M+6

BALLA MBALLA Jeanne Sandy

DISSERTATION: THE APPLICATION OF FINITE ELEMENT METHOD TO DETERMINE THE THERMAL RATING OF BURIED ELECTRIC CABLES ACCORDING TO IEC60287 STANDARD

SUPERVISOR: Prof. J.J. Walker
CO-SUPERVISOR: Mr Isaac Kwabena Kyere

HLABELI Semela Abednico

DISSERTATION: DESIGN AND IMPLEMENTATION OF HOME POWER MANAGEMENT TOOL

SUPERVISOR: Dr HM Langa
CO-SUPERVISOR: Mr JS Djeumen

MOLETSANE Francis Mokanye

DISSERTATION: THE DEVELOPMENT OF A POWER CONVERTER FOR A PROTON EXCHANGE MEMBRANE FUEL CELL.

SUPERVISOR: Prof. Tumisang Seodigeng
CO-SUPERVISOR: Dr. Musamba Banza

MASTER OF ENGINEERING IN **ELECTRICAL ENGINEERING** M+6

RADEBE Dudu Jacobeth

DISSERTATION: THE IMPACT OF RENEWABLE ENERGY SOURCES ON THE COMPLIANCE WITH THE SOUTH AFRICAN GRID CODE

SUPERVISOR: Prof. J.J. Walker
CO-SUPERVISOR: Mr Isaac Kwabena Kyere

THEKISO Qalasi Matthews

DISSERTATION: CHARACTERISING PARTIAL DISCHARGES OF CLOSELY COUPLED AIR CAVITIES

SUPERVISOR: Prof. Cuthbert Nyamupangedengu
CO-SUPERVISOR: Mr Isaac Kwabena Kyere

VUT Shield Icon Breakdown: Images and Descriptions.

The icon breakdown is unique as the V represents the word Vaal, and indicates the graduation hood as a symbol of achievement.

The U represents the word University

and the Centre is filled with water waves that signify a source of life and our location.

VUT BRAND MARKS/LOGOS

Faculty Brand Marks are differentiated by the colors of the V that symbolizes the faculty colour hood during graduations.

The **Academic Mark** is the purest form of the VUT brand.

The blue waves in the center represent the Vaal River and the university's location.

The gold represents academic excellence, achievement, success, and wealth.

The academic brand is only used in academic ceremonies and by the office of the Vice-Chancellor and VUT Council.

The **Marketing Brand Mark** communicates the brand voice as a person, which is Curious. Ambitious and Flexible.

Dandelion represents warmth and optimism.

Sapphire represents integrity, knowledge, power, and seriousness.

Applied & Computer Sciences
Buttercup Yellow represents Happiness & Joy.

Engineering & Technology
Beatle Green represents Nature, Environment, Health & Renewal

Human Sciences
Union Jack Red represents Energy, Passion, and Heat.

Management Sciences
Adonis Blue represents Harmony, Unity & Truth

The **Culture mark is the MaVUTi Mark**, a fingerprint modified in the shape of a U, symbolizing the uniqueness of VUT staff and students.

WELCOME TO CONVOCATION / ALUMNI NETWORK

Mr Makhosonke Sangweni
President of the Convocation
makhosonkes@vut.ac.za
Mobile 071 3501477

Mr David Matsaung
Deputy President of the Convocation
davidm3@vut.ac.za
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The Convocation of Vaal University of Technology (VUT) is a statutory body that serves as the university's largest constituency, comprising its alumni and key academic stakeholders. This body plays a pivotal role in the governance and strategic direction of the institution by facilitating alumni engagement and contributing to the preservation and enhancement of the university's academic reputation.

Membership to Convocation is automatic upon the conferral of a diploma, or credit-bearing certificate. Additionally, academic staff and selected emeritus professors are included, ensuring a broad and representative body that upholds the interests of both past and present members of the university.

Roles and Responsibilities

Convocation is entrusted with the responsibility of deliberating on and providing input into matters concerning the university's development as stated in Chapter 10 (5.3) of the VUT Government framework. Its key functions include

- Electing the President of Convocation.
- Electing three Executive Committee of Convocation (Exco).
- Discussing and expressing opinions on issues affecting the university, including matters which may be referred to it by the council.
- Convocation ensures that alumni have a voice in shaping institutional policies, thereby safeguarding the credibility and value of a VUT qualification.
- Through its structured engagement, Convocation strengthens networks with donors and stakeholders to secure funding opportunities for alumni and convocants in need of financial support to fostering a collaborative and progressive academic environment.

Eligibility for Membership in VUT Convocation

The Convocation of VUT comprises the following members:

- All graduates and holders of diplomas or credit-bearing certificates from the university.
- The Vice-Chancellor, Deputy Vice-Chancellors, and all academic staff.
- Former professors and associate professors who have been granted emeritus status by the Senate.

VAAL UNIVERSITY OF TECHNOLOGY

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The role of alumni relations in any institution is to manage the relationship between an institution and all its former students and graduates. VUT, like other institutions, is committed to enhance its relationship with its former students and graduates through formal and informal programs that are mutually beneficial in nature.

Each year we strive to reconnect more former students and graduates with the current students in their respective groups of interests and academic fields that helped them most in their careers / extramural activities. We affirm all segmented Networks; be it the Vaal College for Technical Advancement, Vaal Triangle Technikon or Vaal University of Technology indiscriminately.

We would like to invite all former students and graduates to share their success stories, job opportunities, career milestones, internships, bursaries, challenges faced and mostly inputs on the current development(s) of the university. With your participation, we support VUT in its endeavors to make sustainable impact in the immediate community and the broader society. On a collaborative effort with diverse stakeholders, Convocation & Alumni Association, students and friends of VUT, we continue to promote the VUT brand through improved marketing and communications, meaningful alumni engagements guided by the Vaal University of Technology's 2033+ Strategy.

Like a unique puzzle piece, you are an ambassador of VUT, your participation to attract and hold interests of Alumni is valued.

Welcome..., you are a now part of VUT Alumni Network; more than 100k VUT graduates since its inception in 1966.

Welcome to a variety of interest groups and networking chapters; regionally, provincially, nationally and internationally. Check us on social media and meet your peers, former Ma-Vallies / MaVuti (classmates, Res mates, Sports mates, mentors, Lecturers, etc.)

Your meaningful participation or engagement is appreciated. Thank you for choosing VUT.