



AUTUMN GRADUATION 2019

**FACULTY OF
ENGINEERING and the BUILT
ENVIRONMENT**

DATE: Monday 06 May 2019

TIME: 14:00

VENUE: Fred Crookes Sports Centre,
Steve Biko Campus, Steve Biko Road, Durban

SCHEDULE OF 2019 GRADUATION CEREMONIES DURBAN AND MIDLANDS

Graduation Dates in Midlands: 29 and 30 April 2019

Graduation Dates in Durban: 06 to 14 May 2019

MIDLANDS

DATES	SESSION 1 - 10:00	SESSION 2 - 13:00
29 APRIL Monday	FACULTY of MANAGEMENT SCIENCES Human Resources Management Management Public Relations Management	FACULTY of MANAGEMENT SCIENCES Public Management Ecotourism Management Higher Certificate: Public Administration
30 APRIL Tuesday	FACULTY of ARTS and DESIGN School of Education	FACULTY of ACCOUNTING and INFORMATICS Office Management and Technology Cost and Management Accounting Financial Accounting FACULTY of ENGINEERING and the BUILT ENVIRONMENT Civil Engineering FACULTY of HEALTH SCIENCES Nursing

DURBAN

DATES	SESSION 1 - 09:00	SESSION 2 - 14:00	SESSION 3 - 18:00
06 MAY Monday	FACULTY of ENGINEERING and the BUILT ENVIRONMENT Electronic Engineering Computer Engineering Civil Engineering and Geomatics	FACULTY of ENGINEERING and the BUILT ENVIRONMENT Construction Management and Quantity Surveying Chemical Engineering and Pulp and Paper	FACULTY of ENGINEERING and the BUILT ENVIRONMENT Mechanical Engineering Electrical (Power) Engineering
07 MAY Tuesday	ENGINEERING and the BUILT ENVIRONMENT Industrial Engineering; Architecture Town and Regional Planning	FACULTY of APPLIED SCIENCES Clothing and Textile Studies Horticulture; Maritime Studies Sport Studies	FACULTY of APPLIED SCIENCES Biotechnology and Food Technology Chemistry Food and Nutrition: Consumer Sciences
08 MAY, WEDNESDAY, NATIONAL ELECTIONS – PUBLIC HOLIDAY			
09 MAY Thursday	FACULTY of ARTS and DESIGN Drama and Production Studies Fashion and Textiles; Fine Art Jewellery Design; Video Technology Graphic Design; Interior Design Photography	FACULTY of ARTS and DESIGN Journalism Language Practice Translation and Interpreting Practice	FACULTY of MANAGEMENT SCIENCES Public Management Higher Certificate: Public Administration
10 MAY Friday	FACULTY of MANAGEMENT SCIENCES Operations Management Quality Management	FACULTY of MANAGEMENT SCIENCES Business Administration Management	FACULTY of MANAGEMENT SCIENCES Human Resources Management
11 MAY Saturday	FACULTY of MANAGEMENT SCIENCES Public Relations Management Business Law, Management Hospitality Management; Tourism Management; Catering Management	FACULTY of MANAGEMENT SCIENCES Marketing Retail Business Management	
13 MAY Monday	FACULTY of ACCOUNTING and INFORMATICS Information and Communications Technology; Financial Information Systems; Higher Certificate in Information Technology Bachelor of Technology in Information Technology	FACULTY of ACCOUNTING and INFORMATICS Cost and Management Accounting Internal Auditing	FACULTY of ACCOUNTING and INFORMATICS Office Management and Technology National Diploma in Information Technology
14 MAY Tuesday	FACULTY of ACCOUNTING and INFORMATICS Taxation Financial Accounting Corporate Administration	FACULTY of HEALTH SCIENCES PhD Health Sciences Biomedical and Clinical Technology Dental Sciences Emergency Medical Care and Rescue Medical Orthotics and Prosthetics Nursing	FACULTY of HEALTH SCIENCES Chiropractic Community Health Studies Homoeopathy Radiography Somatology FACULTY of ACCOUNTING and INFORMATICS Library and Information Studies

MESSAGE FROM THE CHANCELLOR



Ms Nonkululeko Nyembezi

Heartiest congratulations to the class of 2018.

Today you have achieved what has been so far the driving ambition in your life. It is a monumental achievement and you have earned the right to feel good about it. It is your time, so stop and take a moment to savour it. Give yourself a pat on the back and share the special moment with your family and friends who have supported you along the way.

The real value of a good education goes way beyond amassing knowledge. Over and above knowledge, what DUT has hopefully imparted to you is awareness of what is real and essential to be a good person. As you leave the safe space of a university campus, there will be many twists and turns you have to navigate. In doing so, don't give up on your values but be willing to adapt to life's ever changing circumstances.

March to your own drum. In this world of social media, comparing yourself to others has become an occupational hazard. Have the courage to choose your own path based on whatever your intuition commands you to do. You will not always be sure what is the right path to choose. But if you are true to yourself, that inner voice will eventually come to your rescue and indicate the right one for you, however tentatively. Follow your heart even if it takes you away from the well-worn path. Dream big and honour your dreams.

As important as this is, it is unlikely to be the most important moment in your life. Other challenges will come. So you have to keep learning thus dedicating yourself to life-long learning. This takes commitment and may lead you to places you can hardly conceive of today. Naturally there are bound to be failures along the way as you push ever higher. At those times, it would be good to recall Churchill's timeless words: "Success is not final; failure is not fatal; it is the courage to continue that counts." And while you're at it, take the time to learn from those failures – they are by far the greatest teachers.

As you graduate today and embark upon the next phase of your life, what I wish for you is that you find work that you love. For it is only by doing so that your creative juices get stimulated so you excel and produce great results. Don't lose faith if at first you don't find this; keep looking. And remember above all else that life happens at the point of movement, not thinking, worrying, imagining, planning, talking or whatever else. So take action.

All of us at DUT are enormously proud of you.

UMYALEZO OVELA KUSHANSELA

Izilokotho ezinhle ezibhekiswe eklasini lonyaka wezi-2018.

Namuhla senihlomule ngalokho ebenikusebenzela empilweni. Kuwumhlomulo omkhulu lo futhi eninelungelo lokuthi niziqhenye ngawo. Yithuba lenu leli, ngakho—ke yekani yonke into bese niyalithokozela. Zimbambatheni emahlombe ngokuziqhenya bese niwuthokozela lo mzuzu okhethekile nemindeneni yenu kanye nabangani akade beniseka indlela yonke.

Ubuhle bemfundo eseqophelweni eliphezulu buhamba buze budlule ulwazi oluzuziwe. Ngaphezu kolwazi, i-DUT enethemba lokuthi inihlomulise ngalo, iphinde yanifundisa futhi ukuthi yiziphi izinto ezibalulekile ezinganenza nibe ngabantu abaqotho. Njengoba seniphuma kula magceke aphephile ale Nyuvesi, zizoba ziningi izinselelo namajika enizohamba kuwo. Uma nibhekana nalezo zinselelo futhi nijika lawo majika nize ningadikibali bese nilahla lokho okubalulekile kinina kodwa nizijwayelanise nezimo zempilo ezihlale ziguquguquka njalo.

Yenza lokho okholelwa kukho. Sekuyingozi kakhulu ukuziqhathanisa nabanye kulesi sikhathi sezinkundla zokuxhumana esiphila kuso. Yiba nesibindi sokuzikhethele eyakho indlela kuye ngokuthi unembeza wakho ukutshela ukuthi yenzani. Ngeke uze ube nesiqiniseko ngaso sonke isikhathi ukuthi indlela okumele uyikhethe iyona yiphi, kodwa uma uneqiniso kuwena uqobo, unembeza wakho yiwona oyokutakula ngokukuhlonzela okumele ukwenze. Yenza lokho okusenhliziyweni yakho ngisho noma ngabe kuthiwa lokho kukuqhelisa kulokho okujwayelekile. Yiba namaphupho nezifiso ezinkulu empilweni bese wenza isiqiniseko sokuthi lawo maphupho uyawafezekisa.

Yize lo mcimbi ubalulekile, kepha lesi ngeke kube yisigaba esibaluleke ukuzedlula zonke empilweni yakho. Zisazovela nezinye izinselelo. Ngako—ke, kumele uhlale ufunda futhi uzinikele ekutheni uyohlale ufunda impilo yakho yonke. Lokhu kusho ukuthi kumele ube nokuzinikela nokuzikhandla futhi kungakuthatha kukubeke ezindaweni ongakaze ucabange ukuthi uyoke ufinyelele kuzo. Kuzokwenzeka kube khona izingqinamba endleleni ngesikhathi uzama ukhuphukela phezulu. Uma izikhathi ezinjalo zikufica, kuyoba kuhle ukuthi uzikhumbuze amazwi angasoze abuna ka-Churchill athi, *“Impumelelo kayinaso isiphetho, ukungaphumeleli akusho ukuphela kwempilo; kepha yisibindi sokuqhubeka esibaluleke kunakho konke.”* Uma uhlangabezana nalezo zimo ezinjalo, zinike isikhathi sokuthi ufunde kulawo maphupho — yiwona ayokuqinisa ukhakhayi.

Njengoba nithweswa iziqu namuhla futhi nidlulela esigabeni esilandelayo sempilo, enginifisela kona ukuthi nithole umsebenzi eniwuthandayo, ngoba yikona lokho okuzothuthukisa ubuhlakani benu nibe yizingweti niphinde nikhiqize imiphumela emihle. Ningalilahli ithemba uma lokhu kungenzeki ngokushesha, niqhubeka nokubheka. Nikhumbule futhi ukuthi ngaphezu kwakho konke lokhu, impilo iqhubeka uma kunomyakazo oya phambili, hhayi ngokucabanga nje kuphela, ngokuzikhathaza, ngokuzindla, ngokuhlela, nangokulibala ukukhuluma nje kuphela. Ngakho—ke, sukumani nizithathe!

Sonke e-DUT siyaziqhenya ngani.

MESSAGE FROM THE VICE - CHANCELLOR AND PRINCIPAL



Professor Thandwa Mthembu

Please accept my heartiest congratulations on what is a milestone in your life, your university graduation day. I am extremely proud of you and your achievements. You are, indeed, one of a very small group of about 20% of your peers who have diplomas and degrees. You are the cream of the crop!

The degree/diploma that is being conferred on you today will certainly help to broaden your horizons, open new opportunities and position you to play a meaningful and positive role in shaping your future and that of your family. With higher education being a public good, too, the investment you and your family have made in your education will also make a significant contribution to your community, our region, our country and the entire world.

The world will be looking towards you, armed with your knowledge, skills, innovation and entrepreneurial flair, to build on the achievements of those who opened the way before you, so that you continue the journey to make South Africa a better place. You will have to actively play your part to improve our country's economic performance, to enhance our political environment, to nurture our social cohesion and to prevent the degeneration of our society that is being exacerbated by violence, crime and corruption. We place a lot of faith in you. We are confident that you will not disappoint us.

Your graduation today means more than just receiving a piece of paper that confirms your academic prowess. Many of you have had to grapple with severe personal setbacks and challenges over the course of your study. However, you have become trailblazers in your families, villages and townships. Keep striving to grow and prosper. And, always remember to do things you are entrusted with the right way, with dedication, diligence, honesty, integrity, and with excellence and accountability. Never forget that it takes a lifetime to build your reputation and only a moment to destroy your credibility. So, always try and ensure that you do not disappoint yourself.

Your qualification will be inconsequential, unless your knowledge and skills are employed to solve the problems that are evident in our communities and particularly, for the most vulnerable members of our society. As a result, our measure of student success cannot be limited to throughput rates alone. Ultimately, it is the quality of our graduates, the knowledge and skills that you have earned that will demonstrate the utility of your qualification.

We urge you to think carefully about the legacy that you will bequeath to your children and to your grandchildren, and to the country at large. It is my fervent wish that your legacy must be one of hope and not despair. It should be one of great values and ethics, and not bigotry and hate. It should be a legacy of peace, not violence. It should be a legacy of renewal, innovation and entrepreneurship, and not degeneration. It should be a legacy of development and not of wanton destruction. Let your efforts build South Africa, let them grow the African continent and let them guide our world into a safe and prosperous future.

As we unleash you to the world with your new knowledge and skills, innovations and entrepreneurial flair, we trust that you will choose to live and lead a value-driven, principled and ethical life. Despite whatever personal challenges you may face, always stay on the righteous path. Most importantly, always remember to savour this moment and the many other exciting ones that lie ahead.

This is your day! Congratulations to you, your family, your friends and to your community. You have made us proud. Here's to your continued success and good fortune...

UMYALEZO OVELA KUSEKELA-SHANSELA

Ngivumeleni ngedlulise ukuhalalisa kwami okuvela ekujuleni kwenhliziyo kulesisigaba esenifike kuso esiwusuku lokwethweswa kwenu iziqu. Ngiziqhenya kakhulu ngani ngokuhlabana kwenu. Niyingcosana kakhulu engamaphesenti athi awabe ngama-20 yabaneziqu phakathi kontanga yenu bephelele. Ngelokhu-ke, niyizingqwele phakathi kwabo!

Iziqu enizethweswa namuhla nakanjani ziyonisiza kuntwele ezansi, zininike amathuba amasha futhi zininise ngomumo ekubambeni iqhaza elifanelekile ekwakheni ikusasa elingcono kuni nasemindenini yenu. Njengoba imfundo ephakeme ifanele ibe nomvuzo nasemphakathini, lokho okuyizindleko eningene kuzo kanye nemindenini yenu nikhokhela lemfundo, kuyoba ngumnikelo obalulekile emphakathini wenu, isifunda senu, kuleli lethu lengabadi kanye nomhlaba jikelele.

Umhlaba wonke umagange njengokuba senihloniyisiwe ngolwazi, amakhono, nobuchwepheshe ukunibona nakhela phezu kwalokho okuchunyiswe yizingqalabutho zenu ukuze niqhubeke njalo nenze iNingizimu Afrika ibe yizwe elingcono. Kumele nikhuthalele ukubamba iqhaza nifukule umnotho wezwe lethu, nijiyise ezombusazwe, ninakekele ubunye kwezenhlalo nilwe nokufekela komphakathi wethu okubhejizelwa wudlame, ubugebengu kanye nenkohlakalo. Lonke ithemba lethu lisemagxalabeni enu. Sifunga siyagomela sethembele ekuthenini neke nize nisiphoxe.

Usuku lwenu lokwethweswa iziqu lusho okungaphezulu kokwamukela nje isiqeshana sephepha esiqinisekisa ulwazi eniluzuzile. Ngenkathi befunda, abaningi benu bedlule ekukhandlekeni belwa nezingqinamba kanye nezinsalelo ezagadla zephukela kubo. Nokho, seniphenduke izinkombandlela zamaqhawe emindenini, emiphakathini nasemalokishini enu. Zimiseleni ukukhula ngokuphumelela. Futhi, nikhumbule njalo ukwenza enikwethwesiwe nikwenze ngokufanele, ngobulungiswa, ngokuzinikela, ngokukhuthala, ngokwethembeka, ngobuqotho, ngokucola nangokulungela ukuziphendulela ngenikwenzile. Ningakhohlwa nanini ukuthi kuthatha impilo yakho yonke ukuzakhela igama kodwa kuba ngumzuzwana nje ukulinukubeza noma ukulibhidliza. Ngakho-ke zamani futhi niqinisekise ukuthi ningaziphoxi nizidumalise ngokwenu.

Iziqu zenu ziyoba yize uma ulwazi lwenu namakhono kungasetshenziselwa ukuxazulula izinkinga ezithe chithi saka emiphakathini yakithi ikakhulukazi kulabo bethu abantekenteke manxa onke ekuphileni nasekuhlaleni kwabo. Ngenxa yalokho, isilinganiso sethu sokuphumelela kwabafundi singekalwe ngokukhiqiza kwethu iziqu kuphela. Sezipelele zonke izinto, okuyiqinisekisa imivuzo ngeziqu zenu, yiqophelo eliphezulu lobufundiswa benu, nolwazi namakhono eniwazuzile eniyowatshala avunwe yimiphakathi yenu.

Siyaninxenxa ukuthi nicabangisise ngefa lamagugu eniyolishiya ezinganeni zenu, kubazukulu benu nasezweni lonke. Kuyisifiso sami esijulile ukuthi ifa eniyolishiya kube ngelokunika ithemba kungabi ngelokudangalisa umphakathi, usale ukhexe imilomo ngani. Kumele libe ngelamagugu agxilile nokuziphatha ngobuqotho, hhayi elokucwasa kanye nenzondo. Kumele kube yifa lokuthula; hhayi lodlame. Kumele kube yifa lokuvuselela, ukuchumisa nokwakha amathuba emisebenzi; hhayi lokufekelisa. Kumele kube yifa lokuthuthukisa; hhayi elokucekela phansi, nihliphiza, niblidliza. Imizamo yenu makube ngeyokwakha iNingizimu Afrika, mayikhulise izwekazi lase-Afrika futhi mayiholele umhlaba jikelele ekusaseni eliphephile nelinempumelelo.

Njengoba sesininikela siniphonsela emhlabeni nolwazi lwenu olujulile kanye namakhono, ubuchwepheshe nemiqondo yokusungula nokuchumisa kanye nokwakha amathuba emisebenzi, sinethemba lokuthi nizokhetha ukuphila impilo eluswe ngamagugu, imigomo yempilo nobuqotho. Nakuba ningabhekana nezingwadla zezinsalelo eziyonibheka ngqo, hlalani njalo endleleni elungileyo, enobuqotho nobulungiswa. Okubaluleke kakhulu, nikhumbule njalo ukulazisa nizitike futhi ngaleli thuba lanamhlanje lokwetheswa kwenu iziqu kanye namanye amathuba athokozisayo asazofika.

Lusuku lwenu lolu! Halala kuni, emindenini yenu, kubangane benu nasemiphakathini yenu. Siyaziqhenya ngani. Sinifisela impumelelo engenamkhawuko nenhlalahlale eyochumisa yonke imizamo yenu.

MESSAGE FROM THE PRESIDENT OF CONVOCATION



Mr Siyabonga Vezi

Congratulations on your achievement. The last few years have been arduous with some interruptions along the way but you have finally succeeded in completing your qualification. Today, we celebrate you and this wonderful accomplishment. Well done! Remember to honour and thank those that have supported you through your academic journey. You join the ranks of a number of illustrious alumni – Gordon Murray, Mbali Gcabashe, Jeremy Maggs, Kass Naidoo and Alan Khan to name a few.

As your alma mater we are confident that we have equipped you with the skills that will make you a global game changer and make strides towards eradicating some of the social challenges that we as a country face. Unlock your potential and reap the rewards that hard work, dedication and sacrifice have to offer. But also remember to extend a helping hand to those who require assistance. Pay it forward as others have done for you. Whether it's a donor, your parents or through some sort of financial assistance, give back. Continue with the legacy of Ubuntu.

As an alumnus of this prestigious institution, you are now a member of the Convocation of the Durban University of Technology – a statutory body to which all alumni of an institution belong. Your interests are represented by three Convocation representatives on Council – which is the highest governing body of the institution. Amongst Convocation's chief priorities, is the transformation of the Durban University of Technology, and much progress has been made in this area.

Student funding is a key challenge faced by many students wanting to acquire a tertiary qualification. Government subsidies are only able to assist a fraction of students and therefore it is reliant upon universities to seek alternative sources of funding to assist students attain this goal. We, therefore, call on you, our alumni, to help contribute by making an investment in the life chances of our students. Help them to achieve their dreams as you have successfully achieved yours. To make a donation to DUT go to www.dutalumni.com and click on "Ways to Give". Select one of the three payment options. It is that easy.

I humbly request that you make contact by continuously updating your details so that you maintain your lifelong link with DUT, your *Alma Mater*. We also urge you to follow us on Twitter: @DUTalumni, like us on Facebook, "DUT Alumni" and on LinkedIn at "@dutalumni". The Advancement and Alumni Relations Office arranges a number of events both locally and nationally. Your support of these events will ensure that you are kept updated on developments at your *Alma Mater*. You will be informed of events via our DevMan email system as well as through social media. Keep a look out for them.

Wherever your journey takes you, we are confident that you will hold dear to you, your years spent at DUT and the fond memories you created here. For those that have come back to continue with their post-graduate qualifications, thank you for coming back home. Convocation joins the rest of the University community in wishing you well and we are confident that we have created leaders who are distinguished in thought and deed and who will lead by example.

UMYALEZO OVELA KUMENGAMELI WE-CONVOCATION

Halala, ngempumelelo yenu. Iminyaka embalwa edlule ibihamba iba nezihibe thizeni kodwa ekugcineni senikwazile ukuthi niziphothule iziqu zenu. Namuhla sizonihalalisela ngale mpumelelo yenu enhle kangaka. Nisebenzile! Nikhumbule ukuhlonipha futhi nibonge labo akade beneseka ngesikhathi nifunda. Senifinyelele esigabeni salabo nabo ababengabafundi balapha ekhaya njengani asebedume yonke indawo - okungo-Gordon Murray, u-Jeremy Maggs, u-Kass Naidoo no-Alan Khan ukubala nje abambalwa.

Njengenyuvesi sinokuzethemba ukuthi sinihlomise ngamakhono azonenza ukuthi nibe ngabaethizinguquko emhlabeni wonke jikelele futhi nibambe iqhaza ekusojululweni kwezinye zezinselelo zomphakathi esibhekene nazo njengezwe. Vukani nizithathe bese nivuna izithelo zokusebenza kanzima, ngokuzikhandla, nangokuzinikela. Kodwa nikhumbule futhi ukwelulela isandla kulabo abadinga usizo. Nisiqhubele phambili lesi senzo esihle njengoba nabanye bekwenzile kini. Qhubekani nomkhankaso wokwenza Ubuntu.

Njengomfundi osephelelile kulesi sikhungo esihle kangaka, manje usuyilungu le Convocation ye-Durban University of Technology – isigungu sabo bonke abake bafunda kulesi sikhungo. Izimvo zenu zimelwa ngamalungu amathathu eMkhandlwini wesikhungo – okuyisona sigungu esiphezulu kunazo zonke esilawula isikhungo. Enye yezinto eziseqhulwini ze-Convocation wukuqinisekisa uguquko e-Durban university of Technology, futhi-ke kuningi osekwenziwe kuyo le ndima.

Uxhasomali lwabafundi yiyona nselelongqangi ebhekene nabafundi abaningi abafuna ukuthola iziqu zemfundo ephakeme. Uxhaso oluvela kuHulumeni lukwazi ukusiza ingxenya ethile kuphela yabafundi bese ngaleyo ndlela ingcabhayi isala namanyuvesi ukuhlwaya eminye imithomboxhaso ukusiza abafundi ukufezekisa le mpokophelo. Ngakho—ke, siyaninxenxa, njengoba seniphothulile, ukuthi nifake isandla ngokunikela ekuthuthukiseni impilo yabafundi bethu. Balekeleleni nabo ukuthi bafezekise amaphupho abo njengoba awenu seniwafezekise ngempumelelo. Uma ufuna ukwenza umnikelo e-DUT ungasebenzisa isizindlwazi esithi - www.dutalumni.com, bese ucindezela inkinobho ebhalwe ukuthi “Ways to Give”. Lapho-ke usungazikhethela indlelakukhokha eyodwa kwezintathu onikwe zona. Kulula kanjalo nje.

Nginyanicele ngokuzithoba ukuthi nihlale njalo nixhumana ne-DUT, okuyiNyuvesi yenu, ngokuthi nidamane nivuselela imininingwane yenu yezokuxhumana. Siyanicele futhi ukuthi nisilandele kuthwitha: @DUTalumni, nithande nekhasi lethu lika-Facebook 'DUT Alumni', kanye nakwi-Linkedin ekhasini elithi: “@dutalumni”. Ihovisi lezokuxhumana i-Advancement and Alumni lihlela imicimbi eminingi ezingeni lesifundazwe nelikazwelonke. Ukweseka kwenu le micimbi kuzoqinisekisa ukuthi nihlale ninolwazi mayelana nezinto ezinhle ezenzeka eNyuvesi yenu. Nizokwaziswa ngezinto ezenzeka eNyuvesi ngokuthunyelelwa imiyalezo ngohlelo lweposinyazi lwethu olwaziwa ngokuthi i-DevMan kanjalo nasezinkundleni zokuxhumana. Nihlale niyilindele-ke.

Kuyo yonke indawo la impilo inibeka khona, sinethemba lokuthi ngeke nize niyikhoohlwe iminyaka eniyichithe e-DUT kanye nemicabango yezikhathi ezimnandi enibe nazo lapha. Kulabo ababuyele ukuzoqhuba iziqukwengeza zabo, sithi kubo siyabonga ngokubuya ekhaya. I-Convocation ngokubambisana nomphakathi wonke wakule Nyuvesi inifisela okumhlophe kodwa futhi sinethemba lokuthi sakhe abaholi abayizingcithabuchopho ngisho nangezenzo futhi abazohola ngokuba yizibonelo ezinhle emphakathini.

COUNCIL MEMBERS

Mr NZW Madinane

Chairperson of Council

Ms D Hlatshwayo

Vice-Chairperson of Council

External Council Members

Mr SH Vezi

Convocation

Mr M Shange

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Mr T Shezi

Convocation

Mr N Chonco

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Mr Z Gumede

Council appointees

Mr R Harichunder

Council appointees

Prof L Molamu

Council appointees

Ms BB Ntombela

Council appointees

Mr S Sibiya

Council appointees

Mr B Singh

Council appointees

Ms GG Twala

Council appointees

Cllr. William Mapena

eThekweni Municipality

Dr JN Makhanya

Minister of Higher Education and Training

Mr T Hlongwa

Minister of Higher Education and Training

Ms D Hlatshwayo

Minister of Higher Education and Training

Ms B Masinga

Minister of Higher Education and Training

Mr L Longwe

Minister of Higher Education and Training

Mr L K T Mehta

ML sultan Charitable and Education Trust

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Prof TZ Mthembu

Vice-Chancellor and Principal

Prof TN Andrew

Acting Deputy Vice-Chancellor: Teaching & Learning

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Senate

Mr S Rampursad

Support and Service Staff

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Ms Nonkululeko Nyembezi Chancellor

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Professor TZ Mthembu	Vice-Chancellor & Principal	PhD (Wits); MSc (Vanderbilt); BSc Hons (UFH)
Professor TN Andrew	Acting Deputy Vice-Chancellor: Teaching & Learning	PhD (UNP); MDip Tech (MLST); HND; FSAIEE; MISSS
Professor S Moyo	Deputy Vice-Chancellor: Research, Innovation & Engagement	PhD (UND); M TEM (UniMelb); MSc; BSc Hons (UND)
Dr IZ Machi	Deputy Vice-Chancellor: People & Operations	PhD (Wits); MSc, BSc Hon (UDW)
Dr TS Pillay	Acting Registrar	D Tech (DUT); MPA; UHDE; BA (UDW)
Professor O Olugbara	Executive Dean: Accounting & Informatics	PhD (UniZulu); MSc, BSc (Unilorin)
Professor S Singh	Executive Dean: Applied Sciences	PhD; MSc, BSc Hon; BSc (UDW)
Dr RA Smith	Executive Dean: Arts & Design	PhD (UKZN); MA (UND); BA Hons (Plymouth)
Professor P Musonge	Acting Executive Dean: Engineering & the Built Environment	PhD (Lond); D.I.C; MCSE
Professor MN Sibiya	Executive Dean: Health Sciences	DTech (DUT); MTech (TN); BCur Hons (UniZulu)
Professor VP Rawjee	Acting Executive Dean: Management Sciences	DPhil (NMMU); MA; BA Hons (UND); NHD (MLST)
Mr S Kharwa	Chief Risk Officer	M Com (UKZN); M Tech (TN); B Com Hons (Unisa) Professional Accountant (SA); AGA (SA)
Dr RT Thabede	Interim Director: Midlands	PhD (Virginia Tech); MA (Appalachian); BSc (North Carolina A&T)
Dr D Mohale	Director: Special Projects Office of the Vice-Chancellor & Principal	D Litt et Phil (Unisa)
Mr MR Mthethwa	Interim Chief Financial Officer	M Com (UKZN); B Compt Hons; B Com Hons (Unisa); CA SA
Dr VL Mthethwa	Senior Director: Human Resources	PhD; MA; BA Hons (UKZN)

ORDER OF PROCEEDINGS

The Academic Procession enters the Hall

The Vice-Chancellor and Principal Constitutes the Congregation

Welcome

Mr A Khan

Senior Director

Division of Corporate Affairs

Musical Interlude

Ms N Rungan

Natalie R Productions

Presentation of Graduands and Diplomandi

Acting Executive Dean of the Faculty of Engineering and the Built Environment

Conferment of Degrees and Diplomas

Professor T Z Mthembu

Vice-Chancellor and Principal

Closing Remarks

Professor P Musonge

Acting Executive Dean

Faculty of Engineering and the Built Environment

National Anthem

Ms N Rungan

Natalie R Productions

The Vice-Chancellor and Principal dissolves the Congregation

The Academic Procession leaves the hall

Please note:-

- (i) Cellphones are to be switched off for the duration of the ceremony*
- (ii) When the Academic Procession enters the hall, the congregation is requested to stand*
- (iii) Only officially authorized persons may take photographs of and record the ceremony*
- (iv) As a courtesy, you are requested to remain for the full duration of the ceremony*
- (v) When the congregation is invited to stand and join in the singing of the National Anthem, protocol requires that males remove their headgear and that there is no applauding at the end*

HEADS OF ACADEMIC DEPARTMENTS OF GRADUANDS

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

Department of Construction Management & Quantity Surveying
Department of Chemical Engineering & Pulp & Paper

Mr FC Fester
Dr MY Isa

M Tech (CM); Pr CPM; Pr CM
PhD (Moscow); MEng (Moscow)

Degree of Doctor of ENGINEERING

CHEROP Peter Tumwet
(Full Research)

Title of Dissertation:

Kinetic modelling of scrap tyre pyrolysis and oxidative desulphurisation of tyre-derived oil

SUMMARY

This research study focused on two aspects associated with waste tyre pyrolysis. The first aspect dealt with the establishment of the kinetics of waste tyre pyrolysis while the second aspect involved the incorporation of response surface methodology to study the oxidative desulphurisation of tyre-derived oil. The kinetics of the waste tyre pyrolysis was studied using model-free and model-fitting methods, and the results showed that the pyrolysis of waste tyres conforms to the second order reaction model. The desulphurisation study revealed that a maximum of 86.05 % of sulphur could be removed by optimum interaction of the input variables. This is a novel study in which model-free and model-fitting methods have been used to effectively understand the kinetics of the pyrolysis of tyres. On the other hand, the knowledge from the oxidative desulphurisation study could be useful in commercialisation of efficient sulphur removal technology in tyre-derived oils.

Supervisor: Dr SL Kiambi
Co-Supervisor: Prof P Musonge

MNCUBE Blessing Thokozani
(Full Research)

Title of Dissertation:

Performance characteristics of polymer woven fabric membranes suitable for low energy microfiltration systems

SUMMARY

Non-woven materials are commonly used as membranes for the treatment of water and wastewater. Using woven fabrics as membranes is a fairly new technology as some researchers have proven that woven fabrics can improve the removal of unwanted material like bacteria and pathogens. This study aimed at creating a full understanding of the factors that affect various fabrics used as membranes, in particular the polymer woven fabrics. It was important to develop standardized procedures or models that accurately described the behaviour of the membrane material as they will assist engineers and scientists when developing filtration systems using woven fabrics. The basic mathematical model equation of the form $F=Ae^{(-Bt)}+C$ was developed and proved that the membrane pore size, driving force and the size, nature and concentration of the impurities in the polluted water play major roles in the filtration process especially under stable flux and biofilm formation.

Supervisor: Prof S Rathilal
Co-Supervisor: Prof VL Pillay

Degree of Master of ENGINEERING

NDLOVU Nomfundo Lucracia Nontuthuko
(Full Research)

Title of Dissertation:

Optimization of energy utilization in Umgeni Water Works

Supervisor: Dr SL Kiambi
Co-Supervisor: Dr L Maharaj

VAN ZYL Tegan
(Full Research)

Title of Dissertation:

Valorisation of used automotive lubrication oil

Supervisor: Prof S Rathilal
Co-Supervisor: Dr YM Isa

Degree of Master of THE BUILT ENVIRONMENT

MALL Ayesha
(Full Research)

Title of Dissertation:

Reducing material wastage in the construction industry with the implementation of Building Information Modelling

Supervisor: Dr AO Aiyetan

Degree of Bachelor of Technology in ENGINEERING: CHEMICAL

BRAMDEO	Riona	Cum Laude
BUTHELEZI	Ayanda Siphumelele	Cum Laude
BUTHELEZI	Siphamandla Lawrence	
BYROO	Chanice	
DAMODHARAN	Danielle Bianca	Cum Laude
DEONUNDHAN	Prelene	
DEVHIECHUND	Avashnee	
DLAMINI	Andile Nomathandazo	
DOORASAMY	Kuaressa	
*GOVENDER	Kiara	Cum Laude
GOVENDER	Lavana	Cum Laude
GOVENDER	Luchen	
GOVENDER	Valencia	
GUMEDE	Nhlanhla Wiseman	
HARILAL	Suhana	
HEATH	Mason John	
HEXE	Nwabisa Nozipho	
HIRALAL	Bavishka	
ISMAIL	Zanoor	
JAMES	Alistair Lucien	
JANGHBAHADUR	Mishka	
MADIBA	Nontobeko Penelope	
MAFILA	Nelson Nani Camungue	
MAGUBANE	Mlondi Ayanda	
MAHANGI	Sarvesh	
MAHARAJ	Sumeet	
MASHELE	Zwelithini Goodwill	

MAVUSO	Njabulo Vusumuzi	
MBANJWA	Zama Purity	
MKIZE	Siphokazi Precious	
MOODLEY	Justin	Cum Laude
MOODLEY	Yuvanah	Cum Laude
MOONSAMY	Nicole Alison	
MUNIEN	Caressa	
NADAR	Dianka	Cum Laude
NAIDOO	Kavilan	
NAIDOO	Tanya	
NDZO	Mfezeko Gcinizibele	
NSELE	Ndumiso Mdumiseni	
NTULI	Sbonginkosi Khethokwakhe	
NTULI	Velisiwe Memoria	
NXUMALO	Thandokuhle Prince	
NXUMALO	Zandile	
NYDOO	Nayanthra	
PHEKUN	Cameron	Cum Laude
PHUNGULA	Lionel Simula	
PILLAY	Sarshin	
PRAGASEN	Thanashnie	
PRAMRAJ	Abhishek	
RAI	Chirelle Anne	
RAMBALEE	Ravinash	
RAMDHAV	Vishay	Cum Laude
RAMPHAL	Sunara	
RAMROOP	Shivani	Cum Laude
REDDY	Danicia	
REDDY	Mahendra	
SHABALALA	Mandisa Poulete	
SHABANE	Pretty-Rose Mbalenhle	
SIBIYA	Nomthandazo Precious	Cum Laude
SUNDER	Rishay	

Degree of Bachelor of Technology in CONSTRUCTION MANAGEMENT

BAQWA	Simpfiwe Birthwell	
BECHOO	Tamish	
BOYANA	Fikiswa	
BOYES	James Rutledge	
BUTHELEZI	Asanda Thamsanqa	
CALUZA	Bawinile Winfrieda	
*DLAMINI	Lihle Jeanette	Cum Laude
DLAMINI	Mlondi	Cum Laude
DZINGWE	Anele Abongile	
HLONGWA	Mbalenhle Victoria	
KHANYI	Nosipho Buhle	
MALINGA	Zwelihle Sifiso	
MAPHALALA	Phindile Sithembile	
MASHABA	Gugulethu Precious Lindaphiwe	
MASOGA	Lethogonolo	
MATSHUSA	Onndwela Octavia	
MCHUNU	Zethembe Desmond	
MGOBHOZI	Noqiniso Nokulunga	
MKALALI	Nkosiphendule	
MKHIZE	Marvin Bhabha Thamsanqa	
NETSHIOZWI	Desmond	
NGIBA	Gerald Khethuxolo	
NTOZA	Khaya Keith	
NXUMALO	Siphamandla	
NZIMANDE	Mbuso Wiseman	
PATO	Xolisa	
PHILIP	Letitia	
PHOHLELI	Nolubabalo	
SHANDU	Nokuphiwa Buyisile	

SHAZI	Senzo Sebastian
SOSIBO	Nontlantla
TONI	Ludwe
TSHABALALA	Sibusisiwe Ethel
ZONDI	Siphamandla Percival

Degree of Bachelor of Technology in PULP AND PAPER TECHNOLOGY

BOOYSEN	Jan George	
GERBER	Jacobus Andreas Joubert	
GOVENDER	Kamini	Cum Laude
GUMEDE	Nkululeko Dennis	
KUMCARUN	Roshavia	
MABUNDA	Hector Gegayini	
MAPHANGA	Derick Antaniel	
MASUKU	Langelihle Gift	
MUNYANGANE	Pfanani Sheron	
NAIDOO	Rihen	Cum Laude
*NELL	Ruan Andreas	Cum Laude
SAMBO	Thabo Wonderboy	
SIBIYA	Phiwayinkosi Nkanyiso	
SIMELANE	Suprise Shade	
TJALE	Malebo Joyce	
ZUNGU	Sakhile Professor	

Degree of Bachelor of Technology in QUANTITY SURVEYING

AMOD	Ibrahim
ASMAL	Abdul Kader Imraan
BELMAN	Ross Mychael
BEOSUMBAR	Ulisha
BHENGU	Londeka Nolwazi
BUDHRAM	Vishal Mothilal
DIAMOND	Sbongiseni Shadrack
EBRAHIM	Ibtesam
GUMEDE	Goodman Muziwakhe
GUNGQWA	Ayabulela Ncumisa
HLABENI	Yolisa
HLENGWA	Zandile
KHAN	Mohammed
KHAWULA	Lindani Handsome
KHUMALO	Lihle Precious
KHUSI	Lungile Anitta
LUTCHMAN	Emmanuel Brandon
MABONGO	Liliso
MADLALA	Simamkele
MAGOSO	Sanelisiwe Primrose
MASABALALA	Anele
MATE	Similo Zamokuhle
MATHE	Nobuhle Silindile
MATSHAYA	Olwethu
MATUBATUBA	Lihle
MAVA	Luthando
MBANJWA	Zinhle Pearl
MHLONGO	Nolwazi Philile
MHLONGO	Zakithi Lungiswa
MJANYELWA	Thando
MNCWABE	Ayanda Goodwill
MNGOMEZULU	Njabulo Exodus
MNISI	Loyiswa Blyth
MPELANE	Tembisa
MTSHALI	Mcabangiseni Fortune
MTSHALI	Musawenkosi Protas
MTSHALI	Nokwazi Lawrence Cheryl
MUNGAL	Ushveer
MZOLO	Lindokuhle

NAIDOO	Naveshen	
NDLOVU	Londiwe Sixolile	
NDWANDWE	Lindani Cloude	
NENE	Nondumiso Precious	
NGCOBO	Phakamile Princess	
NGCOBO	Sithabile	
NGEMA	Bongakonke Ndumiso	
NGWANE	Nombulelo Audrey	
NGWENYA	Portia Zandile	
NORMAN	Fabian	
NOTSHWELEKA	Sibongile Thembisa	
NTANZI	Sanelisiwe Silindile	
NTOMBELA	Wendile Ntombi	
NXUMALO	Mnqwenokazi Mercy	
NZUZA	Nkanyiso Perfect	
PARUSNATH	Joel Meshach	
PHOHLO	Bongeka	
RAMASARY	Kirath	
*RAMGOOLAM	Deneeka Vinay	Cum Laude
SHABANGU	Sibongiseni Vukani	
SHEIK HUSSEIN	Muhammad Anees	
SIBIYA	Nonkululeko Patience	
SITHOLE	Cabanga Njabulo PraiseGod	
SITHOLE	Linda Citizen	
THAJMOON	Alhadia	Cum Laude
VAIZIE	Faheem	

National Diploma in BUILDING

CHAMANE	Lusanda	
CHETTY	Renny	
COETZEE	Byron Grant	
DIKOKWE	Obakeng William	
GANGAI	Sarvhar Anesh	
GUMBI	Sanele Sigcino	
GWALA	Luyanda Thubelihle	
GWIJJ	Mxolisi	
HLELA	Lindokuhle Mzuvele	
JUGROOP	Sahil	
KEKANA	Sello	
KISTEN	Theolan	
KUTWANA	Zamagugu	
LUDIDI	Sinazo Lolly Nonkcubeko	
MAHOMED	Zakariya Imraan	
MAKETA	Msimelelo	
MALUME	Arivhashu Mashudu	
MANSOOR	Ismail	
MANYONI	Nothemba Sinenhlanhla	
MASENYA	Koketso Nnani Annah	
MBENSE	Asande Minenhle Siyabonga	
MBHELE	Sithandokuhle	
MBUTHU	Lungelo	
MFONO	Khanya Sibonise	
MKHWANAZI	Simphiwe	
MNGOMEZULU	Njabulo Fisokuhle	
MNGOMEZULU	Nontobeko Brightness Nokwanda	
MNGUNI	Mfanafuthi Msizi	
MOONSAMY	Kelly	
MSANE	Nqubeko Sinethemba	
MTHETHWA	Khulekani Derrick	
MTHETHWA	Nduduzo Minenhle	
MTHETHWA	Ndumiso Mfundo	
MUDANALWO	Mavhungu Thanyani	
NADAS	Kiroshan	
NDLOVU	Nosipho Amanda	

NDUKU	Neliswa
NGQONGONYA	Sibusiso
NGUBANE	Ayanda
NGUBANE	Mbali
NYAWO	Khulekani Irvin
PADAYACHEE	Rosanta
PARKER	Shaquille Reon
PAUL	Kereen Catherine
PILLAY	Claude
PILLAY	Naslyn
PILLAY	Omasan
PILLAY	Ruvshan
PILLAY	Terome Noel
RADEBE	Nkululeko
REDDY	Brandon
SHOBA	Nhlakanipho
SIMELANE	Nkuthalo John- Junior
SINGH	Kesheena
SITHOLE	Mzamo
SITHOLE	Zesuliwizinyembezi Bongeka
SMITH	Sanele Good-Enough
SOHUMA	Pindile
VAWDA	Yusuf Ismail
WAHAB	Suraya
XULU	Nomalungelo
YSTERMAN	Siphosethu
ZUMA	Mondli
ZWANE	Sifundo Hopewell

National Diploma in ENGINEERING: CHEMICAL

BHENGU	Bheka
BUTHELEZI	Khona Sithembile
CHIYA	Siyabulela Theophilus
DORSAMI	Primodini
FRANCIS	Ryan
GEQEZA	Yolanda
GOVENDER	Pirvashan
GOVENDER	Preston
GOVENDER	Ryan
GOVENDER	Sasha Rogers
GUMEDE	Slindile Nomfundo
HARISUNKER	Ashvika
LAWRENCE	Whitney Robyn Mary
LURWENGU	Sazi Sivuyiseni
LUTCHMANAN	Cameron Rafal
MADUNA	Mbongeni Elphas
MAHLABA	Xolane
MAHMOOD	Zeean
MBAMBO	Ziyanda Felicia
MBANGATA	Mzingisi Sonwabo
MGODUKA	Aphiwe Buhle
MNGOMEZULU	Sandile
MOODLEY	Melisha
MOODLEY	Selisha
MOODLEY	Sugen
MOONSAMY	Jyothi
MPONDO	Ntlahla
MTHEMBU	Simphiwe Mfundo Phillip
MUNSAMY	Aveshni
NDIMANDE	Ngcebo Mfundo
NHLANGULELA	Xolani Wiseman
NYANDENI	Thabani
PERUMAL	Prenolen
PHAKATHI	Mwezwa Asanda Collen

PILLAY	Ashlyn
PILLAY	Craig Anthony
PILLAY	Tamara Mcquell
PREMLALL	Juven
RAMAUTHAR	Akashnee
RAMLAKHAN	Siobhan
RAMRAJ	Tarina
RAMUKHITHI	Thuso Mashudu
ROBERTSON	Melandri Chante
SATHIYAH	Devona
SEWRAJ	Shivek
SHEIK	Zia-UI-Musthapha
SINGH	Nikita
SIWELA	Nomfundo Nonhlanhla Fortunate
WALTERS	Elichia Mellisa
ZONDI	Nomathamsanqa

**National Diploma in
PULP AND PAPER TECHNOLOGY**

ARMUGAM	Trisholan	
*BALOYI	Knowledge Kulani	<i>Cum Laude</i>
DUZE	Nhlakanipho Tholinhlanhla	
GUMEDE	Mbongeleni Persival	
KHUMALO	Bongeka Nomthandazo	
MUFAMADI	Thakhani Victor	
MYEZA	Nkanyiso	
NDEBELE	Thulisile Dumsile	
SIKHAKHANE	Snesisa Snethezeko	
ZIKHALI	Witness Duduzile	

DUT SCOOPS TWO AWARDS AT THE PRESTIGIOUS NRF AWARDS

NDUDUZO NDLOVU



Pictured: Proud winners, Director of DUT's Institute for Water and Wastewater Technology (IWWT), Prof Faizal Bux, Deputy Vice-Chancellor: Research, Innovation and Engagement, Professor Sibusiso Moyo and Vice-Chancellor and Principal, Professor Thandwa Mthembu.

The Durban University of Technology (DUT) continues to be at the forefront of research capacity development, which is in line with its Strategic Plan's Strategic Focus Area 2: Building research and innovation for development.

This was affirmed as DUT received the National Research Foundation (NRF) Excelleration Award. Derived from the words "excellence" and "acceleration", the Excelleration Award acknowledges South African research institutions for achieving the most improved research performance over recent years as evaluated by independent parties, and measured against a selection of critical indicators.

This was announced at the NRF Awards gala event held on Wednesday, 26 September 2018 in Port Elizabeth. The NRF Awards were held under the theme – Advancing Science for Societal Benefit.

In the same event the multi-award winning and internationally acclaimed Director of DUT's Institute for Water and Wastewater Technology (IWWT), Professor Faizal Bux was announced as the winner of the NRF Award under the category, Champion of Research Capacity Development and Transformation at South African Higher Education Institutions.

According to the NRF this award acknowledges an individual for their contributions to the transformation of South Africa's science community and landscape. The aim of this award is to encourage and promote this activity across the South African research community.

Prof Bux said he feels honoured to be recognised for his contribution in research, training and capacity development

over the past 20 years. "This should serve as a source of inspiration for other researchers within DUT to build their research profiles and compete nationally and internationally. It is also very important that we should benchmark our research to international standards," said Prof Bux.

The NRF B-rated researcher believes the quality and calibre of post-graduate students that he has produced gave him the edge to win this coveted award. "Most of our PhD students have published in high impact journals, which are highly cited. The quality is measured through the number papers that they have published, and also the fact that their papers are highly cited by fellow researchers. The number of citations reflects the value of their papers, and several of our PhD students have comparatively high H-indexes, which is reflective of their recognition in science research," explained Prof Bux.

This is another remarkable addition to the long list of accolades and recognition that have been received by Prof Bux for his sterling contribution in research and academia. He was recently appointed as the Chairperson of the BRICS Network University International Thematic Group on Water Resource and Pollution Treatment.

Meanwhile, earlier this month (September 2018), Prof Bux was also confirmed as the fellow for the prestigious International Water Association (IWA).

Commenting on this esteemed recognition bestowed on Prof Bux, IWA Executive Director, Dr Kala Vairavamoorthy said this recognition to Prof Bux is based on his significant contributions to the industry, to IWA and on his commitment to professional contributions in the future. "I would like to personally take this opportunity to thank you for all your dedication and outstanding contributions to IWA and the water sector. I look forward to your continuous excellent contributions to IWA and to the international community as an IWA Fellow," said Dr Vairavamoorthy.

The IWA Fellow designation recognizes sustained outstanding contribution to the profession. IWA Fellows are nominated based on their significant contributions as an engineer, educator, utility manager, regulator, research engineer, scientist, or as a technical leader.

DUT is proud of this exceptional achievement by Prof Bux and fellow DUT researchers, and this is a remarkable recognition for their tireless contribution towards research output and capacity development within DUT.

Expressing appreciation for the two NRF awards, DUT Vice-Chancellor and Principal, Professor Thandwa Mthembu said, "The institutional award was a great and very pleasant surprise, indeed. Congratulations to each and everyone who made this possible."

NATIONAL ANTHEM

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

Morena boloka Setjhaba sa heso,
O fedise dintwa la 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.