

NELSON MANDELA

UNIVERSITY



Graduation 2019

Ceremony 11: Faculty of Engineering, the Built Environment
and Information Technology
(School of the Built Environment and
School of Information and Communication Technology)

Thursday, 11 April 2019, 09:30
Madibaz Indoor Sport Centre, South Campus, Summerstrand

100 YEARS OF MANDELA

VISION

To be a dynamic African university, recognised for its leadership in generating cutting-edge knowledge for a sustainable future

MISSION

To offer a diverse range of life-changing education experiences for a better world

VALUES

Excellence

Diversity

Ubuntu

Social justice and equality

Integrity

Environmental stewardship

Diversity

Excellence

Ubuntu

Social justice
and equality

Integrity

Environmental
stewardship



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Respect for the occasion

As befitting of this milestone occasion and in respect of all graduates and their families, please could you honour the following:

- All rise and applaud the student procession as it enters the back of the hall.
- All rise when the academic procession enters the hall and remain standing until after the moment of silence and again at the end of the ceremony, after the singing of the national anthem as the academic procession leaves the hall.
- Ensure that your cellphones are on silent.
- Do not walk around the hall or leave during proceedings. Should you need to use the bathroom, please go to the back of the hall where ushers will direct you.
- Ensure that you momentarily suppress your applause while the name of each candidate is announced.



A graduation reflective of our namesake

Our university is on a transformation journey, ever seeking to advance social justice, equality and inclusion by providing life-changing educational experiences in pursuit of a better life for all.

Part of our journey in honouring our namesake, is examining what we celebrate and how we do it.

Graduation is the pinnacle of our institutional celebrations – a time when we reflect, acknowledge and celebrate the capping of each and every student.

What you will witness today is the beginning of this graduation transformation journey as we introduce what our students, past and present, our staff and others, feel is apt and fitting of a dynamic African university that carries the iconic name of Nelson Mandela.

This follows a nine-month process that included online surveys, focus groups and discussions around our university's identity and the rituals, dress, entertainment, format and

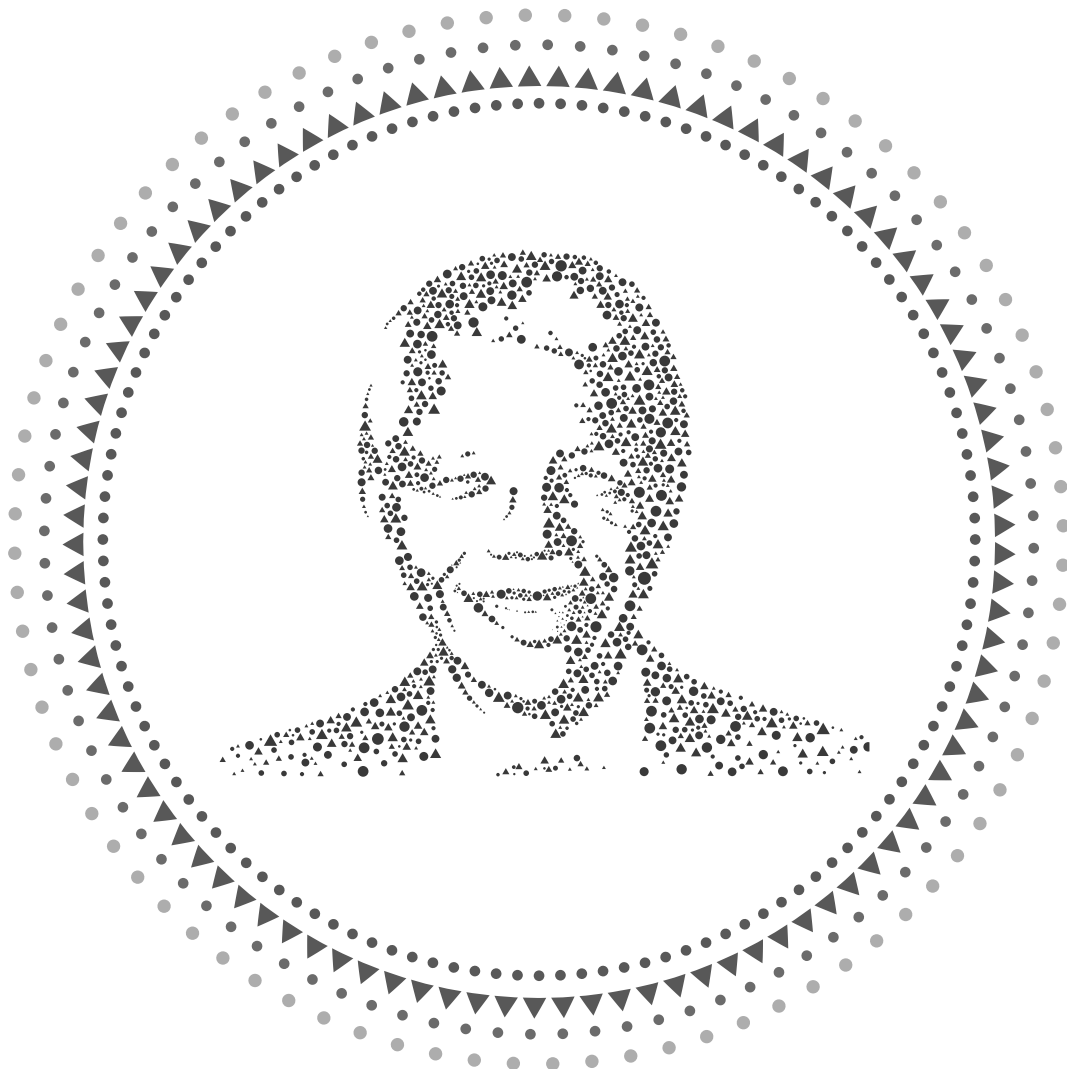
practices that our graduation ceremonies should aspire to reflect.

This enriching experience has resulted in a number of co-created innovations for Mandela University – such as the first procession by all graduates into the hall and the addition of a cultural interlude during each ceremony.

Other visual and process adaptations to the previous ceremonies include the addition of a sign interpreter, processional drumming and a new ticketing system.

The latter is a legislative regulation as the university must comply with the public events act in terms of safety and security. To accommodate those who were not privy to receiving a ticket (each graduate is entitled to four tickets), live streaming of the event is screened in an adjacent venue.

The process of introducing new academic gowns for office bearers that are reflective of our identity as Nelson Mandela University is also underway.



Congratulatory message

Graduation is a significant milestone in anyone's life. It is the culmination of an academic journey that reflects your commitment, perseverance, hard work, intellect and sacrifice. We know that the sacrifice and hard work is often not yours alone as many have travelled with you – your friends, your lecturers, your supervisors, your mentors and your family. They have invested in you financially, encouraged you to persevere, guided your studies and above all, believed in your ability to succeed and achieve this graduation dream.

Today your joy is our joy too. Such a significant moment – your graduation day – must be celebrated for it not only recognises all that you have achieved, but focuses on all the potential and possibilities to come. It offers us great hope for the future – for you are that future.

We salute and applaud your achievement and wish you all the very best for your future endeavours.

Never stop learning. Do not let your curious spark die out, for education is not only your passport to the future – but also to the future hopes of our country, our continent and is indeed a foundation for a better world, as Nelson Mandela so eloquently put it:

"Education is the most powerful weapon which you can use to change the world."

Congratulations!



Dr Geraldine Fraser-Moleketi
Chancellor



Professor Sibongile Muthwa
Vice-Chancellor



Ilizwi lokuvuyisana

Uthweso-sidanga yimpumelelo ebalulekileyo kubomi bomntu wonke. Ziziphumo zokufika apho ubusiya khona, ezibonakalisa ukuzimisela nokuzinikela kwakho, ukunyamezela, ukusebenza nzima nobungqondi. Siyazi ukuba ukuzinikela nokusebenza nzima asikokwenu nodwa, njengoko siqonda ukuba beebaninzi abantu abanikhaphileyo kolu hambo - izihlobo, abahlohli, amakhankatha emfundo, abaxhonkxi kwakunye nezizalwane nezalamane. Baye benza indima ngokuthi bafake isandla ngemali, banikhuthaza ukuba ninyamezele, banibonisa indlela xeshikweni niqhuba nezifundo zenu, ngaphezu koko konke, baye bakholelwa kwiinzame zenu zokuphumeza amaphupha okuba nesidanga.

Namhlanje olu vuyo lwenu ikwa lolwethu, iintliziyu zenu nezethu zidada emafutheni yimincili nochulumanco - eli thuba libaluleke kangaka, usuku lwakho lokuthweswa isidanga - mayibe lusuku lokubhiyoza njengoko ingelosuku olubonisa impumelelo kuphela, kodwa lujolise kuko konke okuzayo nokuyimpumelelo. Lusinika ithemba elimangalisayo lengomso- nina nilikamva nengomso.

Sinothulela iminqwazi sikwaniqhwebela nezandla ngale mpumelelo yenu, sininqwenelela okuhle kuko konke enikwenzayo nokuzayo.

Ningaze niyeke ukufuna ulwazi. Ningahl'umxhelo weenzame nemigudu zokufun'ulwazi, njengokuba imfundo ingesositshixo sekamva kuphela – koko ikwayiminqweno yekamva yelizwe nezwekazi lethu kwaye sisiseko sehlabathi eliqaqambileyo, njengokuba uNelson Mandela eyibhentsisa ngobuciko:

Imfundo sesona sixhobo sinamandla ongasisebenzisa ukuguqula ihlabathi.

Hu-u-untshu!!!

Ukwanda kwaliwa ngumthakathi.

Boodskap van gelukwensing

Gradeplegtigheid is 'n belangrike mylpaal in enigiemand se lewe. Dit is die hoogtepunt van 'n akademiese reis wat jou toewyding, deursettingsvermoë, harde werk, intellek en opoffering weerspieël. Ons weet dat die opoffering en harde werk dikwels nie net joune was nie, aangesien baie mense saam met jou die pad geloop het - jou vriende, jou lektore, jou toesighouers, jou mentors en jou gesin. Hulle het finansieel in jou belê, jou aangemoedig om te volhard, jou studies gelei en bowenal geglo in jou vermoë om te slaag en hierdie droom om te gradueer te bereik.

Vandag is jou vreugde ook ons vreugde. Jou gradedag is so 'n belangrike oomblik en dit moet gevier word – nie net omdat dit erkenning gee aan alles wat jy bereik nie, maar ook fokus op al die potensiaal en moontlikhede in die toekoms. Dit bied ons groot hoop vir die toekoms - want jy is daardie toekoms.

Ons wens jou geluk en is saam met jou verheug oor jou prestasie en ons wens jou net die beste toe vir jou ondernemings in die toekoms.

Moet nooit ophou leer nie. Moenie toelaat dat die ondersoekende vonk in jou geblus word nie, want opvoeding is nie net jou paspoort vir die toekoms nie, maar ook vir ons land se hoop vir die toekoms en ons vasteland en dit is inderdaad 'n grondslag vir 'n beter wêreld, soos Nelson Mandela dit so welsprekend gestel het:

“Opvoeding is die kragtigste wapen wat jy kan gebruik om die wêreld te verander.”

Veels geluk!



About Nelson Mandela University



Nelson Mandela University is the only university in the world to carry the name of Nelson Rolihlahla Mandela.

With this honour comes the responsibilities of leading our university into a new era of transformative innovation, development and change in line with the ethos and values of our namesake.

Living the legacy of Mandela should be reflected in the way we teach, learn, do research, engage with our partners, and work, study and live as staff, students and alumni.

We are on a journey to achieve this and become the learning destination for staff and students who:

- Are pioneering change agents for a better world;
- Are committed to creating jobs in an entrepreneurial economy;
- Work together across disciplines in seeking solutions and innovations to achieve quality of life and a health environment for all people'; and
- Are instilled with a deep need to serve and give back.



Fast facts

CAMPUSES

(North, South, Ocean Sciences,
Second Avenue (in Summerstrand),
Missionvale (Missionvale), Bird Street
(Central), George (George in the
Garden Route)

7

470

PROGRAMMES

(from certificate through to doctoral
qualifications)

27 748
STUDENTS

7 FACULTIES

(Arts; Business and Economic
Sciences; Education; Engineering,
the Built Environment and IT; Health
Sciences; Law and Science)

6 STRATEGIC
PRIORITIES

- Student access and success
- Resource stewardship
- Engaged innovative scholarship
- Transformative institutional culture
- Talented high-performing staff
- Enabling systems, processes and infrastructure

2 460

PERMANENT EMPLOYEES

6 STRATEGIC
RESEARCH
AREAS

8% OF STUDENTS
COME FROM

75 DIFFERENT
COUNTRIES



Exciting prospects



Ocean Sciences Campus

Our new generation university is set to become the leading “go-to” destination in Africa for all marine and maritime teaching, learning, engagement, innovation and research at postgraduate level.

This follows the launch of the Ocean Science Campus in Summerstrand in September 2017 as part of the university’s strategic drive to unlock the potential of the blue economy in a sustainable manner to benefit all South Africans.

The development and expansion of our academic programmes will offer new opportunities to all South Africans.

Intentional design

The new campus at the former CSIR offices has been intentionally designed and revamped to embrace a transdisciplinary way of working. It has also been specifically branded to reflect its purpose – that of a dedicated creative and innovative hub for postgraduate studies, and its physical spaces revamped to allow scientists from all disciplines to work as teams.

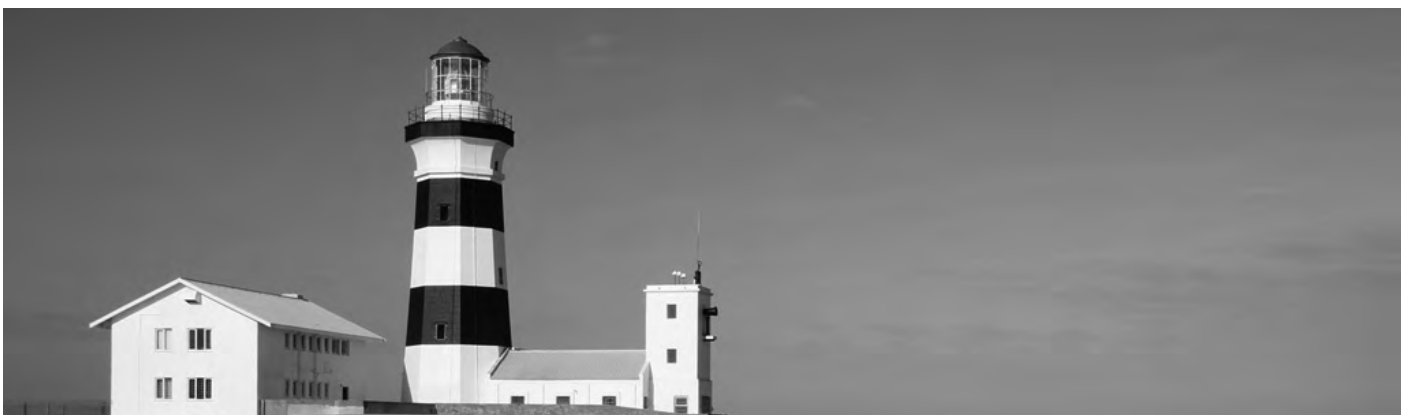
Partnerships

This transdisciplinary research strategy does not stop with the academic project. Instead, it also seeks to embrace a ‘blue commons’ partnership with the metro, local government, big business, civic society and all those who live, work and play at the water’s edge and the oceans. It also includes several international partner universities.

By bringing all players together, all basic, formative and applied professional knowledge competencies in Ocean Sciences are exposed, developed and shared in novel ways.

Strategically, this approach offers better options for both discovery research and that of solving real world problems arising from economic need, while always ensuring ecological sustainability.

The university is working on a number of key projects that will strategically position us as an institution of choice for both staff and students.



A new medical school

The first phase of the university's exciting journey towards the establishment of the country's 10th Medical School is gaining momentum.

Refurbishment of some buildings on Missionvale Campus is underway as well as the procurement of state-of-the-art equipment for teaching, learning and research in anticipation of hosting the university's first cohort of 100 medical students.

Various accreditation processes need to be completed – such as approval by the Health Professions Council of South Africa (HPCSA) to teach the MBChB degree in terms of its curriculum, infrastructure and supporting equipment – before the university can officially open the student application process.

Innovative teaching model

The university will be using an innovative transformative distributive teaching model that will see students come together to study across health science disciplines and leverage the benefits of technology – all towards their service to society, especially within the metro.

The transformative interprofessional education model (IPE) will see doctors work and study alongside nurses, radiographers, psychologists, environmental health practitioner, pharmacists, emergency medical care students and the like, to offer holistic and integrated health care.

The Faculty of Health Sciences led by Executive Dean Professor Lungile Pepeta has already introduced the transformative model with great success with both students and the communities benefitting from the ongoing partnerships.

The faculty's health care ethos is preventative rather than curative given the dire shortage of qualified health professionals in South Africa. At present, 65% of all public doctor's posts are vacant and there is only one doctor to every 4230 people in the Eastern Cape.

Driving the process

A Medical School Infrastructure Working Group is driving the hugely complex implementation plan that also takes the future of Missionvale Campus into account. The campus is in close proximity to Dora Nginza Hospital and a number of clinics.

**'Health cannot be a question of income;
it is a fundamental human right'**



Office-Bearers of the university

Chancellor

Dr GJ Fraser-Moleketi: MAdmin (UP), DPhil (hc) (NMMU)

Chairperson of Council

Ambassador NP January-Bardill: Cert in Ed (UBL), Dip HR Mgt (Damelin), BA (UBL), MA (Essex, UK)

Vice-Chancellor

Prof SW Muthwa: BA (SW) (Fort Hare), BA (SW) Hons (Wits), MSc, PhD (London University, UK)

Deputy Vice-Chancellor: Institutional Support

Mr LE Hashatse: B (Journ & Media Studies), BAHons (RU), MA (Edith Cowan, Australia)

Deputy Vice-Chancellor: Research and Engagement

Prof AWR Leitch: BSc, BScHons, MSc, PhD (UPE)

Deputy Vice-Chancellor: Teaching and Learning

Prof DM Zinn: BA, BAHons, HDE (UCT), MEd, DEd (Harvard University, USA)

Executive Director: Finance

Mr MR Monaghan: BCom (UPE), BComHons (UNISA), Professional Accountant (SA)

Executive Director: Human Resources

Ms VN Bam: BSocSc (UCT), PGDip (UFH), MBL (UNISA)

President of Alumni Association

Mr Kwezi Blose: BSc (Building Economics), BScHons (QS) (UPE)

Executive deans of faculties

Arts

Prof MJR Boswell: BSocSc, BSocScHons, MSocSc (UCT), PhD (Vrije Universiteit, Netherlands)

Business and Economic Sciences

Prof HR Lloyd: BCom, BComHons, MCom, DCom (UPE)

Education

Dr SF Moeng: BA, HDE, BEdHons (UPE), MSc (St Cloud State University, USA), DEd (NMMU)

Engineering, the Built Environment and Information Technology

Dr OSW Franks: BSc (MechEng), MInd Admin (UCT), Hons (B&A) (US), PhD (Engineering Science)(USF – USA), Pr Eng

Health Sciences

Prof L Pepeta: MBChB (Unitra), FCPAED (SA), DCH (SA), MMed (Wits)

Law

Prof A Govindjee: BA, LLB (RU), LLM (UPE), LLD (NMMU)

Science

Prof A Muronga: BSc, UED (UNIVEN), BScHons, MSc (UCT), PhD (University of Minnesota, USA)

Dean of Teaching and Learning

Prof CD Foxcroft: BA, BAHons, MA, DPhil (UPE)

Dean of Students

Mr LP Jack: NDip (PMA) (EC Technikon), BTech (PM) (PET), BAPhil (US), MCom (UKZN)



Order of proceedings

Entrance of Graduating Student Procession

(The congregation is requested to rise while the graduating student procession enters the hall)

Entrance of Academic Procession

(The congregation is requested to rise while the academic procession enters the hall)

Moment of Silence

(The congregation is requested to remain standing)

Constitution of Congregation and Welcome

Vice-Chancellor

(The congregation is requested to be seated)

Choral Item

Nelson Mandela University Choir

Awarding of Qualifications

Vice-Chancellor

Dissolution of Congregation

Vice-Chancellor

National Anthem

(The congregation is requested to stand for the singing of the National Anthem)

Departure of Academic Procession

(The congregation is requested to remain standing until the academic procession has left the hall)

The words Cum Laude indicate in the text that the diploma or degree is awarded with distinction to the candidate/s listed.



FACULTY OF ENGINEERING, THE BUILT ENVIRONMENT AND INFORMATION TECHNOLOGY

HIGHER CERTIFICATE IN INFORMATION TECHNOLOGY IN USER SUPPORT SERVICES

APPOLIS, Simone
APRIL, Hlangoluhle
ARENDS, Berenice
BACELA, Lungelo
BENELWA, Ntombizanele Cleopatra
BIDO, Silindokuhle
BLESS, Unathi
BOOI, Babalwa
BOOYSEN, Damon Lee
BURRELL, Cailin Zenith
CAKWE, Lilitha
CELE, Thabile Purity
CENGANI, Zandile
CHUENE, Pontsho
DU TOIT, Jerome
DYANTYISI, Anelisa
ELDAMER, Mohamad Abdelaziz
FIHLA, Linda Litius
FIHLANI, Zimkhitha
FINGWANA, Amahle
FROST, Christopher Timothy
FULA, Lusanda
FULANI, Vuyokazi
GCAKASI, Athenkosi
GEDE, Simvuyele
GENUKA, Sinekhaya
GEORGE, Mangokazi
GOEDA, Joshua
GOMOMO, Olwethu
GOODMAN, Juan
GQOTOLO, Thembela
GRUNDLINGH, Alderigh
GRUNDLINGH, Damian
GWENGULA, Athi Junior
GXALABANA, Zizipho
HEWUKILE, Tina Alulutho
JIKUMLAMBO, Mongi
JIM, Sihle
JONA, Nezile
JOYISI, Samkele
KEPE, Olwethu
KHOTSHOBE, Kamva
KHUMANDA, Popina
KOLI, Siyamamkela
KUHLANA, Thembelani
KULA, Siphosethu Lubabalo
LAWU, Xabiso
LELEKI, Bulali Mxolisi
LOTTERING, Josh Curvin Wilfred
LUSU, Luvuyo Cyril
MABANDLA, Hlalanathi
MABHONGO, Lindokuhle
MADYONGOLO, Sonwabile
MAGULA, Mazizi
MAJIZA, Yona Nonkqubela
MAJOLA, Bongolethu
MAJOLA, Siboniso Nelson
MAKETA, Lufiko
MALDAKI, Nosihle
MALULEKE, Thato

MAMA, Thembisipho Bhekinkosi
MANTYI, Siseko
MAPHAHA, Koketso Kgorapetse Roux
MATIKINCA, Usenathi
MATIWANE, Sinovuyo
MATSHA, Neliswa
MAZANTSANA, Nkosinathi
MBADLA, Esethu
MBALANE, Luxolo
MBANA, Lazola Mnqweno
MBANGA, Siyamthanda Phulaphulani Sidney
MBIZA, Liyema
MCINGANA, Sibusiso
MDLANKOMO, Ayabonga
MDUKU, Mzwanele Pawulos
MGOGO, Sivuyile
MILISI, Ayabonga
MKABA, Ntombekhaya
MLAMBO, Nompumelelo
MNENO, Zimbini Nombuto
MNIKINA, Siphosethu
MNONO, Bulela Mninawa
MNTANYA, Azola
MOHLATLOLE, Ngwanamahula Lethabo
MOHULATSI, Thato
MRWASHU, Zenande
MSWELANTO, Sinethemba
MTHETHO, Mfundo
MUKWEVHO, Blessing
MYATAZA, Ziphosethu
MZINZI, Mandisa
NAKI, Aphelele Sifungo
NAKI, Thapelo
NAMBANI, Sindile
NASE, Zanele Samantha
NDZWANANA, Amanda Nadia
NGCUTWA, Asemahle
NGWENDU, Ezile Nqaba
NJOLOZA, Mfundo
NKEWU, Luvuyo
NKOLISA, Mxolisi
NONGWELE, Xolisa Chris
NOTANA, Honey
NTANTISO, Sibongile
NTSHANGASE, Ntokozo Teresa Raphaela
NTSHUNTSCHA, Athule
PHILANDER, Damien Hurbet
PHILLIP, Zikona
PRINCE, Teniel Amber
RALO, Asanda
SAYINETI, Siphelile
SEBIA, Tammy-Lee
SHARPE, Daylon Wilfred Chadwin
SIFUBA, Sinethemba
SIKWEBU, Masixole
SIMAMAME, Olwethu
SINDISA, Senzelwe Lwande
SLATE, Siphosoxolo
SNELI, Philasande
SOMGIDI, Xolani
SONJICA, Sibahle Shane
SOYAMBA, Sakhekile
TEYISE, Siphumelele
THOMAS, Lwando
TILESE, Nomathamsanqa Mercy
TOBO, Esakhe
TONTSI, Sixolise Yonwaba Sinaye



VAN HEERDEN, Rostin Regan
 VAN NIEKERK, Fay-Yaadh
 VAN ZYL, Miancke Mari
 WANA, Avela
 WHITEBOOI, Nizaam
 WILLIAMS, Carin
 WITBOOI, Lawless Hlumani
 XANDEKANA, Yonela Zizipho
 XOTYENI, Alwaba
 YANGAPI, Siliziwe
 ZAKUZA, Siphелеle
 ZANTSI, Sibulele
 ZAWUKA, Ubenathi Xola
 ZINTO, Amanda
 ZOKO, Siphesihle

CUM LAUDE

NONGOGO, Asive
 PHILLIP, Siphamandla
 ROSSOUW, Keenan

NATIONAL DIPLOMA: BUILDING

BASSON, Alard Dominic
 BASSON, Alaric Bennedict
 BASSON, Cody Anthony
 BEZUIDENHOUT, Daniel
 BUSHULA, Bonga
 CHABALALA, Given
 CHAUKE, Tsakane
 CLAASSEN, Luvo Tevin
 DAHMS, Filicia
 DOLO, Unathi
 DWESI, Zuko
 DYESHANA, Cwayita Nwabisa
 GQABAZA, Vuyisa Anathi
 GQOBOKA, Libo Qiqi
 KEKANA, Mmakgashane
 KUTTA, Sixolile
 LANGFORD, Savannah
 LIWANI, Donna
 MABUNDA, Khensane Tshepo
 MACINGWANE, Msekeli
 MAHANYELE, Mahlatse Mahlodi Reginald
 MANXIWA, Ezi Zizipho
 MDLULI, Tinrod
 MONYEMORATHO, Kgabo Puleng
 MPOFU, Sithembile Ellen
 MTOMBENI, Odwa
 NAMNTU, Kwezikazi
 NDAMASHE, Azile
 NDAMASHE, Silindokuhle Wandisile
 NGEBULANA, Nceba
 NGQEKEZA, Simpiwe Lolwethu
 NGWENTLE, Wanda Tim
 NONKONYANA, Sive
 NTSABO, Siphamandla
 NYULU, Sipiwosenkosi
 NZIMA, Lwando
 PHAKOANA, Phila
 ROODT, Roelof Jacobus
 ROTO, Yololwethu Thandokuhle
 SENTEFOL, Alex
 SHIDZINGA, Makungu Cathrine
 TONJENI, Amandla Mary
 TYELBOYI, Sivuyisiwe

DIPLOMA IN BUILDING

BODLANI, Zizo
 BUSAKWE, Lupumzo
 CORNEILLE, Rachael
 DINABANTU, Manyano
 DOTYE, Mthembeni
 FINI, Aphiwe
 FORTUIN, Chelsea Claire
 GANGAT, Zaakirah
 GOBODO, Wonga Mzuvukile
 GOOSEN, Joshua
 GWEBANI, Sibulele
 HAWU, Qhama
 HILLS, Hanno Ludolf
 JAEGER, Nicolay
 JOHNSON, Claudia Venecia
 KOKETE, Athenkosi
 KOORTS, Cornelis Rall
 LEKHULENI, Njabulo S'Thembiso
 MAKWETU, Sanele Veronique
 MALAU, Sivuyile
 MPONCO, Qhawe Mcebisi
 MTIKI, Nangamso
 MTUBU, Siphumeze Manyano
 NODA, Anathi
 NOKWE, Siphokazi
 NONYONGO, Khaka Mmandisi
 NTAMO, Liyabona
 NTIKINCA, Bathabile
 POTGIETER, Andre
 RUDDY, Grant Graham
 SIZIBA, Nandipha Sweetness
 SMIT, Tiaan
 SOTOMELA, Esethu Ovayo
 STANVLIET, Louhan
 TERBLANCHE, Kian
 VAN AS, Gerhard Hermanus

NATIONAL DIPLOMA: INFORMATION TECHNOLOGY

ADAMS, Vusumzi Wellington (Software Development)
 ADONISI, Aphiwe (Communication Networks)
 AFRIYIE, Lawrence Osei (Software Development)
 ASMAL, Mariam H (Communication Networks)
 AUGUSTUS, Claudrick Jaundré (Software Development)
 BAATJIES, Ricardo Jacques (Support Services)
 BABOO, Haanim (Software Development)
 BAMBENI, Esihle Lungile (Communication Networks)
 BAMBENI, Sisipho Silungile (Communication Networks)
 BHANA, Hishaan (Communication Networks)
 BREAKFAST, Phakama (Communication Networks)
 CHARLES, Sinomzi Asemahle (Support Services)
 CHIVERS, Sarah Jane (Software Development)
 CHOONARA, Mischka (Communication Networks)
 CHOONARA, Naeem (Communication Networks)
 DAKELA, Ziphozihle (Support Services)
 DAVIS, Rushdeen (Support Services)
 DE JAGER, Michael Johan (Software Development)
 DE REUCK, Ronaldo Tevin (Communication Networks)
 DEKEDA, Nontyantyambo (Software Development)
 DIDISHE, Anelisa (Software Development)
 DLAMINI, Ayanda Seth (Support Services)



DU PLESSIS, Wihan (Software Development)
 DU TOIT, Dylan (Software Development)
 DU TOIT, Tiaan (Software Development)
 DYAKMENI, Ndilisa Nicolette (Support Services)
 ESTERHUIZEN, Jacobus Johannes (Software Development)
 ESTERHUIZEN, Zandrión Wade (Software Development)
 EYBERS, Jason Henry (Software Development)
 FEZANI, Avuyile (Support Services)
 FILANA, Sanele (Support Services)
 FOURIE, Anri (Software Development)
 FROST, Christopher Charles (Support Services)
 GALLANT, Tamian Jocelyn (Support Services)
 GCILISHE, Siyasanga Nzwana (Software Development)
 GCOBO, Siphosethu Siyambulela (Support Services)
 GOUWS, Marno Stefan (Software Development)
 GXAGXISA, Aphiwe (Communication Networks)
 HAMILTON, Luke John (Software Development)
 HANI, Phiwokuhle Phumlisa (Support Services)
 HASHATSE, Tefo Ntsako (Software Development)
 HEIN, Justin (Software Development)
 HLALETHWA, Reamogetse Neo (Communication Networks)
 JACOBSZ, Gerhardus Jacobus Christian (Software Development)
 JAPPIE, Fagrie (Software Development)
 JAPPIE, Uthmaan (Software Development)
 JOHNSON, Dean Micheal (Software Development)
 JONAS, Warren Luke (Software Development)
 JUBHELA, Asavela (Software Development)
 JUMBA, Ayabonga Lufefe (Software Development)
 KAKOLE, Relebohile (Software Development)
 KIEWIETS, Leigh Cathrine (Support Services)
 KRUGER, Madri (Software Development)
 LABITI, Siphumze (Software Development)
 LAGGAR, Susan Ann (Software Development)
 LANGEVELD, Mauritz Elliot (Software Development)
 LOLIWE, Vusi Chris (Software Development)
 LUKIE, Intiyaaz (Support Services)
 LUMKO, Thabiso Bukiwe (Support Services)
 LUPUWANA, Nhlanhla (Support Services)
 MAGOLELA, Kgadime Tlhologelo (Support Services)
 MAGXIVA, Lulama (Support Services)
 MAKIVA, Masizole (Support Services)
 MANELI, Samkelo (Communication Networks)
 MAQABANGQA, Sisikelelwe (Software Development)
 MAQUINA, Nosiphiwo (Software Development)
 MAREE, Daniel Jacobus (Software Development)
 MATIEA, Kgabane Kopo (Communication Networks)
 MATIWANE, Melikaya (Software Development)
 MAVOVANA, Nancy Noluvo (Support Services)
 MAXHAMA, Yonela (Support Services)
 MAYO, Lonwabo (Communication Networks)
 MBANGATA, Lunga (Communication Networks)
 MBELWANA, Yonwaba (Support Services)
 MBESI, Iviwe (Communication Networks)
 MBUDE, Siphelile Mbude Ka Mbude (Software Development)
 MDLADLAMBA, Momelezi Sisingathe (Software Development)
 MELA, Phelo (Support Services)
 MENZI, Thandolwethu (Support Services)
 MGUQULWA, Zandile (Support Services)
 MJOLI, Siliziwe (Communication Networks)
 MNDI, Everest Lebogang (Support Services)

MNGOMA, Mteto (Support Services)
 MOHAMED, Aboebaker Hashiem (Software Development)
 MOLOI, Samkele (Support Services)
 MOTHAPO, Tshepo (Software Development)
 MPONDO, Siphosethu (Software Development)
 MQOTSI, Yandani Litha (Software Development)
 MSABANE, Luyolo (Software Development)
 MTABANI, Nkosinam Edward (Support Services)
 MTSHAKA, Chuma (Support Services)
 MUZAVAR, Aadil Anvarhusen (Software Development)
 NDLEBI, Likhaka (Software Development)
 NDOME NDAME, Evelyne Alexandra (Communication Networks)
 NDOWORA, Michael Tatenda (Communication Networks)
 NDUBELA, Mbulelo Matthew (Support Services)
 NEL, Hein (Software Development)
 NGCUKANA, Maliviwe Innocent (Communication Networks)
 NGESI, Abongile (Support Services)
 NGWANE, Gqibokuhle Sisikelele (Communication Networks)
 NJABA, Xolelwa (Communication Networks)
 NKAYI, Ntombizandile (Support Services)
 NODUDE, Mivuyo (Support Services)
 NOGAYA, Chumani (Software Development)
 NTLANTSANA, Vuyolwetu (Support Services)
 NTSHULANA, Uluthando Siyethemba (Support Services)
 PANCHAL, Neerav Sureshchandra (Software Development)
 PETER, Lutho Lamla (Communication Networks)
 POTBERG, Damon Anthony (Software Development)
 QAMATA, Sinobom Sibulele (Software Development)
 RASSOOL, Ziyad (Communication Networks)
 REID, Brandon Boyd (Software Development)
 ROBERTS, Aydan Clifford (Software Development)
 ROBERTSON, Ashton Robin (Software Development)
 ROUX, Leaché Jeané (Software Development)
 RUBUXA, Mawethu (Support Services)
 SATYO, Luyolo (Software Development)
 SEKHWARI, Masindi Andronica (Software Development)
 SELANE, Yonelisa Asithandile (Communication Networks)
 SIFUBA, Chulumanco (Software Development)
 SITHONGA, Malwande Viwe (Communication Networks)
 SLABBERT, Eugene (Communication Networks)
 SPEELMAN, Thandolwethu James Junior (Software Development)
 STEMERE, Andisiwe Mhlali (Support Services)
 SWART, Rochelle Eleanor (Software Development)
 TEYISE, Sesethu (Communication Networks)
 VAN APPEL, Christopher Brian (Communication Networks)
 VAN DER MESCHT, Ethan Axel (Software Development)
 VAN HEERDEN, Gerado Miguel (Software Development)
 VAN NIEKERK, Craig Michael (Software Development)
 VAN ONSELEN, Darrel (Software Development)
 VERRYNE, Faydon Anthony (Support Services)
 VISENYOUE, Rowan Bramlin (Software Development)
 WESSELS, Justin (Software Development)



WEST, Keagan Derrick (Software Development)
 WESTRAADT, Emile (Software Development)
 WILLIE, Mlibo Abongile (Support Services)
 XAKWE, Sive Precious (Support Services)
 XENGXE, Chwayita Antoinette (Support Services)
 ZAHELA, Dumisani (Communication Networks)
 ZENANI, Athanathi (Communication Networks)
 ZONDI, Sihle (Support Services)
 ZONYANE, Hlakanipa Indiphile Pumzile Sivuyile (Software Development)

CUM LAUDE

ADAM, Riyaardh (Software Development)
 BHAT, Abdul Hadi (Software Development)
 BROWNE, Christopher Mark (Software Development)
 DE AGRELLA, Carlo (Software Development)
 DOUWDIES, Shervin Romario (Software Development)
 GARCES DE GOIS, Maurice (Software Development)
 GATHERCOLE, Dale John (Software Development)
 HARRIS, Bryan Etienne (Software Development)
 JEEWA, Akshay (Software Development)
 LEGODI, Nyekelele Healing (Software Development)
 MARAIS, Dylan (Software Development)
 MASUKO, Shawn Campion (Communication Networks)
 MATSHAYA, Anathi Roux Jr (Software Development)
 MATTOCKS, Aran (Software Development)
 MINNIE, Kayleigh Emmanuella (Software Development)
 MKHWANAZI, Dephney Thulisile (Software Development)
 MOLEKO, Mamello Katherine (Software Development)
 MULLER, Amber (Software Development)
 SALIE, Ighsaan (Software Development)
 SMITH, Ashleigh Robyn (Software Development)
 TONTSI, Bongiwe (Support Services)
 WIGGILL, Joshua David (Software Development)

BACHELOR OF HUMAN SETTLEMENT DEVELOPMENT

BENNETT, Jean Dale
 KWAYIMANI, Mhlali
 MADYIBI, Lelethu Milisa Serafime Thandekile
 MANGALISO, Sibulele
 MBUZANE, Mandlakazi Berlina
 MCELELI, Nangamso
 MNCI, Sakhile
 MNGOMEZULU, Sibongangani Khonelihle
 MOLEFE, Simon Sello
 NGEMA, Noxolo Nondumiso
 SANGWENI, Siyabonga Senzesihle
 SEHOLOBA, Reikanetse
 TAHULA, Rofhiwa
 TSIANE, Portia Mpho
 VAKAZA, Sesona Siphosikhulu Tobeka

BACHELOR OF SCIENCE IN CONSTRUCTION ECONOMICS

DIKISO, Esihle
 MANI, Yanga Shadrack
 MDLOVU, Siphesihle Temlandvo
 NDHLOVU, Best Comfort Watson
 NOQAYI, Abongile

PATULENI, Amanda
 RAGOPHALA, Mashapula Magret
 RWENTELA, Lihle Lelethu
 SCRITCH, Xhanti Christoper
 THARRATT, Hayden Graham
 ZONDI, Fezeka Tammy

BACHELOR OF SCIENCE IN CONSTRUCTION STUDIES

BUTHELEZI, Lucky
 EDISON, Mongi Evander
 LEGODI, Tebello Joas
 TIEMANN, Rene Krischan
 TYINGWA, Siyavuya

BACHELOR OF TECHNOLOGY: CONSTRUCTION MANAGEMENT

MQAI, Khulasande
 NCANYWA, Zintle Sweetness

BACHELOR OF TECHNOLOGY: INFORMATION TECHNOLOGY

ANGLOHER, Jarrid Dale (Communication Networks)
 BOMVANA, Likho (Software Development)
 CARR, Tristan Page (Software Development)
 DLULANE, Anda Qhama (Communication Networks)
 FOUCHÉ, Pieter Johandré (Software Development)
 MALIWA, Thandolwethu (Software Development)
 MANUEL, Clarence Nathan (Software Development)
 MHAGA, Abongile (Communication Networks)
 MHLONGO, Thobekani Prince (Software Development)
 MKENCELE, Thobelani (Communication Networks)
 NDAMASE, Siposoxolo (Software Development)
 SOJOLA, Malibongwe Emanuel (Software Development)
 SOMHLAHLA, Bongani (Software Development)
 STRYDOM, Elton (Software Development)
 TOM, Dumisani (Software Development)

BACHELOR OF TECHNOLOGY: QUANTITY SURVEYING

JIYA, Yandiswa Eunice
 KETSHANE, Asive Pretty Kanyisile
 MAGUBENI, Zikhona Phelisa
 MATOTI, Anathi Yolanda
 MATSHIQI, Kokuhle
 MNGXEKEZA, Zintle
 NKUHLU, Lwetu
 NONKWALI, Ezile
 NUMA, Paballo Yoliswa Shirley
 THU, Sivuyile Vukile

BACHELOR OF SCIENCE HONOURS IN CONSTRUCTION MANAGEMENT

CHAUKE, Rixongile Sufficient
 MAGAGULA, Mlungisi Ronald
 MATHEBULA, Hlulani
 MAZIBUKO, Joy Ngwana
 MOTHUPI, Letlhogonolo Isaac



MOTJELELE, Jackson Sekiyase
NONGAUZA, Salizwa
PANTER, Jason
SANGA, Hannacy Clement
TWABU, Philisa Luxolo Khanya

CUM LAUDE

CHIPATO, Estina

**BACHELOR OF SCIENCE HONOURS IN QUANTITY
SURVEYING**

CARSTENS, Brenden
DE KLERK, Matthew Kyle
HANSEL, Steven Melvin
HARTY, Jedwyn Brett
MABOHO, Kundani

MACANDA, Nangamso Unity
MAKANDA, Sixolile Odwa
MDUDO, Sanelisiwe
MOGANEDI, Louisa Thato Mongatane
NAMDARKHAN, Yaasiin Ishrafil Waseem Khan
NDLEBE, Luto Olwethu
RAMPOU, Kenneth Moemise
SITHUNDA, Zintle
SOKA, Ngelihle
VORSTER, William Blokker
WINN, Declan Donald

CUM LAUDE

COETZEE, Rudolf
JONAS, Mylan Basil
THERON, Sunet
WALLS, Shemondalay



MASTER OF INFORMATION TECHNOLOGY (RESEARCH)

JANSE VAN RENSBURG, Ebenhaeser Otto

Title of dissertation:

IMPROVING RELIABILITY OF TEXT-INDEPENDENT SOFTWARE BASED SPEAKER AUTHENTICATION

Supervisor: Prof R Von Solms

MAHARAJ, Rahul

Title of dissertation:

A SOCIAL NETWORKING APPROACH TO SECURITY AWARENESS IN END-USER CYBER-DRIVEN FINANCIAL TRANSACTIONS

Supervisor: Prof R Von Solms

MDUNYELWA, Vuyolwethu Sizoli - **Cum Laude**

Title of dissertation:

A FRAMEWORK FOR TEACHING SECURE CODING PRACTICES THROUGH A BLENDED LEARNING APPROACH

Supervisor: Prof JF Van Niekerk

Co-supervisor: Prof LA Fletcher

SPECKMAN, Timothy Harambee

Title of dissertation:

A MODEL FOR THE ALIGNMENT OF INFORMATION SECURITY REQUIREMENTS WITHIN SOUTH AFRICAN SMALL, MEDIUM AND MICRO ENTERPRISES

Supervisor: Prof M Gerber

MASTER OF PHILOSOPHY IN INFORMATION TECHNOLOGY GOVERNANCE (COURSEWORK)

HILMER, Thomas

Title of treatise:

A STRATEGY FOR IMPROVING THE MATURITY LEVEL OF IT SERVICE MANAGEMENT IN HIGHER EDUCATION INSTITUTIONS IN SOUTH AFRICA

Supervisor: Prof LA Fletcher

MAMABOLO, Mokgadi Hellen

Title of treatise:

A STRATEGY TO PROMOTE AWARENESS AND ADHERENCE TO INFORMATION SECURITY POLICY AT CAPRICORN DISTRICT MUNICIPALITY

Supervisor: Mr ME Thomson

MAPHUTHA, Selina Masai

Title of treatise:

A STRATEGY TO EFFECTIVELY MANAGE THE DISASTER RECOVERY PLAN (DRP) AT THE CITY OF JOHANNESBURG: ROADS SECTOR

Supervisor: Mr L Tekeni

MOKOBANE, Ntsewa Benjamin

Title of treatise:

A FRAMEWORK TO IMPLEMENT INFORMATION SECURITY AWARENESS, EDUCATION AND TRAINING WITHIN THE LIMPOPO ECONOMIC DEVELOPMENT AGENCY GROUP

Supervisor: Prof RA Botha



MASTER OF SCIENCE IN THE BUILT ENVIRONMENT (COURSEWORK)

FLEPU, Mpumzi

(Facilities Management)

Title of treatise:

A FRAMEWORK FOR MAINTENANCE OF SCHOOLS WITHIN THE NELSON MANDELA BAY METROPOLE

Supervisor: Prof NS Buys

GOGELA, Nwabisa

(Project Management)

Title of treatise:

QUALITY IN LOW COST HOUSES IN NELSON MANDELA BAY

Supervisor: Prof SL Mbanga

KGANYAGO, Rapholo Joseph

(Property Economics and Valuation)

Title of treatise:

IMPROVING THE PROPERTY RENTAL MARKET IN TSHWANE CBD

Supervisor: Prof B Botha

KUMALO, Sepheka Ismael

(Project Management)

Title of treatise:

MANAGEMENT ISSUES AFFECTING EMERGING CONTRACTORS IN THE NORTHERN CAPE

Supervisor: Prof JJ Smallwood

MANGEZI, Wilfred

(Project Management)

Title of treatise:

RED TAPE IN UPGRADING OF INFORMAL SETTLEMENTS IN NELSON MANDELA BAY

Supervisor: Prof SL Mbanga

MAZONDWA, Sivuyile

(Project Management)

Title of treatise:

DELIVERY OF LOW INCOME HOUSING IN SARAH BAARTMAN DISTRICT FROM 2012 TO 2017

Supervisor: Prof SL Mbanga

MKHWE, Tandokazi Lerato

(Project Management)

Title of treatise:

PROPERTY DEVELOPMENT: A FRAMEWORK FOR ON-TIME DELIVERY

Supervisor: Prof B Botha
Co-supervisor: Mr MHS Abrey

MOKHOJANE, Khomotho Nester

(Project Management)

Title of treatise:

THE EFFECTIVENESS OF THE JOINT BUILDING CONTRACTS COMMITTEE PRINCIPAL BUILDING AGREEMENT IN THE SOUTH AFRICAN BUILT ENVIRONMENT

Supervisor: Mr RC Cumberlege



MOTEBELE, Matsiababa Solofelang
(Project Management)
Title of treatise:
THE EFFECTS OF PROJECT MATURITY IN UNIVERSITY INFRASTRUCTURE DEVELOPMENT

Supervisor: Prof B Botha
Co-supervisor: Mr MHS Abrey

MWAMVANI, Henry Duncan John
(Project Management)
Title of treatise:
CAUSES OF ROAD PROJECTS' DELAYS: A CASE STUDY OF BLANTYRE

Supervisor: Ms E Ayesu-Koranteng

DOCTOR OF PHILOSOPHY

LEPPAN, Ronald George
(Information Technology)
Title of thesis:
A MODEL FOR USING LEARNERS' ONLINE BEHAVIOUR TO INFORM DIFFERENTIATED INSTRUCTIONAL DESIGN IN MOODLE

Supervisor: Prof JF van Niekerk
Co-supervisor: Prof RA Botha

MEDUPE, Tsietsi Jacob
(Information Technology)
Title of thesis:
A STRATEGY FOR SUSTAINABLE ICT DEVELOPMENT IN DEEP RURAL ENVIRONMENTS

Supervisor: Prof D Van Greunen

DOCTOR OF PHILOSOPHY IN CONSTRUCTION MANAGEMENT

HEFER, André Le Roux
Title of thesis:
OPTIMISING CONSTRUCTION PROJECT ROLE-PLAYER PERFORMANCE

Supervisor: Dr FL Geminiani
Co-supervisor: Prof WMW Shakantu

WILLIAMS, Mark Anthony
Title of thesis:
A SUSTAINABLE INDUSTRIALISATION MODEL FOR THE OCEAN ECONOMY OF SOUTH AFRICA

Supervisor: Prof CM Adendorff
Co-supervisor: Prof B Botha



THE DEGREE OF DOCTOR OF PHILOSOPHY (INFORMATION TECHNOLOGY)

RONALD GEORGE LEPPAN

Previous qualifications:

2000	BSc	University of Port Elizabeth
2002	BScHons (CS & IS)	University of Port Elizabeth
2008	MSc (CS & IS)	Nelson Mandela Metropolitan University
2012	PGCHE	Nelson Mandela Metropolitan University

Thesis:

A MODEL FOR USING LEARNERS' ONLINE BEHAVIOUR TO INFORM DIFFERENTIATED INSTRUCTIONAL DESIGN IN MOODLE

This study models a process of building a dynamic learner profile inferred from usage data stored in the Moodle Learning Management System. The model integrates steps of a commercial web analytics process with a layered abstraction of online learning design and a learning analytics process using educational data mining techniques for analysis. The study, furthermore, recommends an ethical learning analytics code of practice to ensure that privacy and equity concerns are addressed. By applying the contributions of this thesis, educators can identify cognitive and emotional behaviours influencing online learning and measure how different learners experience a teacher's instructional design in Moodle.

Supervisor: Prof JF Van Niekerk
Co-supervisor: Prof RA Botha

THE DEGREE OF DOCTOR OF PHILOSOPHY (INFORMATION TECHNOLOGY)

TSIETSI JACOB MEDUPE

Previous qualifications:

1998	BSc	University of Kwazulu Natal
2010	MBA	North West University
2014	MEng	University of Witwatersrand

Thesis:

A STRATEGY FOR SUSTAINABLE ICT DEVELOPMENT IN DEEP RURAL ENVIRONMENTS

Rural development can be enhanced and supported by Information and Communication Technology (ICT). The use of ICT is highlighted by the importance of information and knowledge as key strategic resources for social and economic development. A number of constraints threaten the sustainability of rural ICT Projects. Using a case study approach in collaboration with the AmaJingqi Traditional Council in deep rural Eastern Cape, this study provides a strategy for sustainable ICT for the development of deep rural environments. The strategy is framed within the profile of the rural environment taking into consideration income profiles and levels of affordability of the key stake holders. This study then also proposes ways to alleviate not only the challenges but also the current bottlenecks which prohibit sustainability.

Supervisor: Prof D Van Greunen



THE DEGREE OF DOCTOR OF PHILOSOPHY IN CONSTRUCTION MANAGEMENT

ANDRÉ LE ROUX HEFER

Previous qualifications:

2000	NDip (Forestry)	Port Elizabeth Technikon
2008	NDip (Building) (<i>Cum Laude</i>)	Nelson Mandela Metropolitan University
2011	BTech (Construction Man) (<i>Cum Laude</i>)	Nelson Mandela Metropolitan University
2013	MSc (Built Env: Project Man)	Nelson Mandela Metropolitan University

Thesis:

OPTIMISING CONSTRUCTION PROJECT ROLE-PLAYER PERFORMANCE

This qualitative study evaluated and examined the various factors and influences on the performance of a construction project team. It developed an understanding of the sub-optimal performance of construction-project role-players in a team environment. The study took into account the leadership, the team dynamics, the organisational culture, the team diversity and the major performance barriers and/or drivers impacting on these teams. The research findings combined with performance models and motivation theory were applied in the development of a Performance Optimisation Framework. They suggested the Project Husbandry approach to project management in these environments. The study recommends that the research themes combined in the developed framework, which impact the project-operating environment, should be influenced by management and leadership, in order to optimise the performance of all the role-players involved.

Supervisor: Dr FL Geminiani
Co-supervisor: Prof WMW Shakantu

THE DEGREE OF DOCTOR OF PHILOSOPHY IN CONSTRUCTION MANAGEMENT

MARK ANTHONY WILLIAMS

Previous qualifications:

1997	BCom	Vista University, Port Elizabeth
1999	BComHons	Vista University, Port Elizabeth
2003	MBA	University of Potchefstroom

Thesis:

A SUSTAINABLE INDUSTRIALISATION MODEL FOR THE OCEAN ECONOMY OF SOUTH AFRICA

The research investigated the factors which influence the success of the sustainable industrialisation of the ocean economy of South Africa and subsequently, the development of a theoretical model for such industrialisation. The model was empirically tested using structural equation modelling. Findings indicated that, five key factors influence the perceived success of sustainable industrialisation of the ocean economy of South Africa. These factors include access to finance, regulatory environment, innovation, value-chain integration and infrastructure development. The findings of the research offer a starting point to develop new and more holistic approaches to develop the ocean economy of South Africa.

Supervisor: Prof CM Adendorff
Co-supervisor: Prof B Botha



Honorary Doctoral Recipient

Dr Vuyo Mahlati – Doctor of Philosophy (Honoris Causa)



Born in the Eastern Cape, Vuyo Mahlati started her education at a farm school where her mother taught, and later went to a missionary boarding school for her higher education. This is where her passion for seeking alternatives to the oppressive education system of the time began, choosing to be an agent of change.

Vuyo obtained her PhD from the University of Stellenbosch with her thesis focusing on the role of value chains in

mainstreaming rural entrepreneurs into global markets. She later trained as a policy specialist at the London School of Economics in the UK.

Her life as an activist was enabled by education, commencing her career as a young researcher in disability, children and women issues and later as a business linkage mentor at the Small Business Development Agency (SBDA). This led to her participation in South Africa's Constitution-making research process after the release of former President Nelson Mandela from prison. Dr Mahlati was also involved in the first UNICEF Status on Women and Children report in South Africa.

During this period, and as part of her research, she visited Zimbabwe, received by Joshua Malinga, disability activist and then mayor of Bulawayo, interviewing other leaders who exposed her to Zimbabwe's change agenda and indigenisation. Seeing the possibility of redress, gave her new insights and inspiration and she returned home to register her own consultancy, allowing her to frame and drive the change agenda.

In the mid-2000's, Dr Mahlati convened the technical team that facilitated the launch of the India Brazil South Africa (IBSA) Women's Forum, premised on the call for "an inclusive macroeconomic framework". This culminated in the signing of the Memorandum of Understanding in India in October

2008, by the three heads of state.

In March 2009, she was a South African delegate and Technical Advisor for the Presidency to the United Nations Commission on the Status of Women, where she presented on the financial crisis theme. This enhanced South Africa's contribution to bringing urgency and intensifying the global call for inclusive economic growth and development.

In May 2010 Dr Mahlati was appointed by the President to serve for a period of five years, as one of the inaugural members of South Africa's National Planning Commission. In September 2018 she was appointed by the President to Chair the Advisory Panel on Land Reform and Agriculture.

Her directorships are many and include previously chairing the South African Post Office (including the Postbank) membership of the Financial Markets Advisory Board and Financial Services Board Licensing Committee. She previously served two terms as President of the International Women's Forum (IWF) South Africa, and is currently the global director of the IWF Board and Co-Chair of the IWF Presidents' Council.

Dr Mahlati's entrepreneurial experience includes participation in major business ventures that include the listed Sasol Oil. As a social entrepreneur, she owns Africa's first indigenous goats cashmere processing plant in Butterworth, Eastern Cape, and through this initiative has helped revive the clothing and textile industry using inclusive rural value chains. She serves as President of the African Farmers Association of South Africa (AFASA) and is a member of the IDC Agroprocessing Competitiveness Fund.

She has been a recipient of the Black Management Forum Presidential Award, as well as the Black Business Executive/ ABSA Kaelo (guidance and wisdom) Award and in 2014, received the Mail and Guardian, Southern Africa Trust Individual Award for Drivers of Change.

For her contribution to bringing urgency and intensifying the global call for inclusive economic growth and development, and to her scholarship and praxis of entrepreneurship and economic development, particularly in marginal rural economies, it is an honour for Nelson Mandela University to confer the degree of Doctor of Philosophy (honoris causa) on **Dr Vuyo Mahlati**.



Honorary Doctoral Recipient

Sibongile Mkhabela – Doctor Of Philosophy (Honoris Causa)



Sibongile (Bongi) Mkhabela, a social worker by profession and a passionate social activist by orientation is the current Chief Executive Officer of the Nelson Mandela Children's Fund as well as the Nelson Mandela Children's Hospital Trust.

Her first steps as an activist were intuitive rather than political; as a child she recognised and questioned the banal and common indignities that shaped black lives. Bongi later became a student leader and was part of the driving force behind the nation-wide June 16,

1976 student revolt, a turning point in South Africa's anti-apartheid struggle.

She was charged with 10 other students for sedition in what became known as the "Soweto 11" Trial. In 1981, six years after the 1976 protests, she was finally released. Time spent in the women's prison resolved her commitment to fighting for the dignity of black lives and strengthening the position of African women.

Bongi was trained by The Legal Resources Centre as a para-legal and founded the Zola Advice Office offering practical, social and para-legal advice and assistance to people living under the rule of an oppressive state. Building on her work at Zola, she proceeded to establish the National Advice Centre's association advocating for women's rights.

After the completion of her graduate studies, she headed up the Development Resources Centre which drove research aimed at creating an enabling environment for civil society. The work led to the formation of the SA Non-Governmental Organisations Council and contributed to the formation of the National Development Agency.

Part of that experience saw her work in senior positions for the United Nations Development Programme; serve the first

democratically elected government as a Director in the Office of Deputy President Mbeki responsible for programming with specific reference to civil society-government partnerships as well as overseeing the implementation of the UN Children's Charter.

In her tenure as CEO of the Nelson Mandela Children's Fund, Bongi embraced Nelson Mandela's mission to change how society treats the African child and in the last decade, has been on a journey to ensure that the country's children have access to world-class tertiary healthcare and institutions devoted to their care. She led the Nelson Mandela Children's Hospital Trust's, R1b capital campaign for the building and equipping of the Nelson Mandela Children's Hospital. The Hospital is the second of its kind in Southern Africa and provides, state-of-the-art tertiary paediatric care and aims to improve the quality of paediatric research and training in Sub-Saharan Africa.

A graduate from the University of Zululand she is also a Joel L. Fleishman Civil Society Policy Fellow at Duke University in North Carolina, USA, and completed her post-graduate Business Management studies with the University of the Witwatersrand Business School in Johannesburg. In 2017, Mkhabela was awarded a Rockefeller Foundation Fellowship in Italy, a residency to reflect and write on her experiences and the future of social justice movements.

In April last year, Bongi was awarded The National Order of Luthuli (Silver) by the President of South Africa, Mr Cyril Ramaphosa. She serves on various boards, including Senegal-based Trust Africa and the USA-based Global Philanthropy Alliance. She recently stepped down (after 12 years of service) from Barloworld, a listed global company where she served, among others, as Chairman of the Ethics and Transformation Committee.

Her novel Open Earth and Black Roses recounts the ordinary and extraordinary tales of black families in Apartheid South Africa and she tells her personal experience as a young woman imprisoned, restless and resisting social injustice.

In recognition of her fight against apartheid; her continued work in social justice and for her excellent contribution to the well-being of South Africa's children, it is an honour for Nelson Mandela University to confer the degree of Doctor of Philosophy (honoris causa) on **Sibongile Mkhabela**.



Honorary Doctoral Recipient

Reverend Frank Chikane – Doctor of Philosophy (Honoris Causa)



Reverend Frank Chikane matriculated from Orlando High School in Soweto in 1971 and proceeded to the University of the North (Turfloop), now the University of Limpopo, in 1972 to study science.

Following the Frelimo Rally in 1974 which led to the arrest of student leaders, and forced some students into exile, Chikane was made leader of the Student Aid Committee which played the role of the SRC. He gave evidence on behalf of the students at the Snyman Commission on

the unrest on campus, and due to his role as a leader, was advised not to return to the university for his own safety.

After leaving university he taught Mathematics and Physical Science at Naledi High School in Soweto, but the Security Police put pressure on the school to force him to leave. He then joined Christ for all Nations (CFAN) in 1975, convinced of God's calling in his life. Again, the security establishment threatened CFAN and he left to work as an evangelist with his church, the Apostolic Faith Mission (AFM). In 1979, he completed his training as a pastor at the AFM and was ordained in March 1980. He was subsequently defrocked in 1981 due to his political involvement and reinstated with an apology nine years later in 1990.

Chikane was detained and severely tortured on various occasions between 1977 and 1982. He was part of the founders of the United Democratic Front (UDF) and served as its Vice-President from 1983 to 1985. In February 1985 he was arrested, charged and tried for treason with sixteen other leaders of the UDF, including Albertina Sisulu, and was acquitted in December of the same year. He later continued his education, obtaining a master's degree in Religious studies from the University of Natal (now Kwa-Zulu Natal) and a master's in Public Administration from the Kennedy School of Government, Harvard University.

He served as a Co-ordinator and then Director at the Institute of Contextual Theology (ICT) from 1981 to 1987 when he was appointed General Secretary of the South African Council of Churches (SACC), replacing Dr Beyers Naudé.

He had the task of carrying the organisation through the most challenging times characterised by the worst forms of repression, gross violation of human rights and violence. Following the bannings and restrictions imposed on most organisations in 1988, the SACC became the only voice of the people. Consequently, its Headquarters was bombed and Chikane's clothes were laced with a chemical weapons substance which nearly led to his death. He played an important role during the negotiation period, and transition from apartheid to a democratic South Africa, including serving as a Commissioner of the Independent Electoral Commission (IEC) which ushered in the new democratic order. Chikane's influence in the 1980s and the 1990s cannot be overstated.

He became a Special Advisor to Deputy President, Thabo Mbeki, in 1995; was appointed Director General in the Office of the Deputy President in 1996, and a Deputy Secretary of the Cabinet in 1998. After the 1999 elections he was appointed Director General in the Presidency and Secretary of the Cabinet, where he remained until 2009. He was also elected to the National Executive Committee (NEC) of the ANC in 1997.

He has published several articles and books including his 1988 autobiography *No Life of My Own*, his 2012, *Eight Days in September: The Removal of Thabo Mbeki*, which was preceded by the so-called 'Chikane Files' published in several Independent newspapers, and his 2013, *Things That Could Not be Said*.

Other positions and accolades bestowed on Rev Chikane include his appointment as a Senior Research Fellow in the Department of Religious Studies at UCT, President of the AFM International, the Swedish Diakonia Peace Prize for Outstanding Theology Contribution for Justice and Peace in SA and the Peace and Freedom Prize from the Swedish Labour Movement. He has served in various boards of companies and continues to do so. He now serves as Moderator of the Churches Commission on International Affairs (CCIA) of the World Council of Churches (WCC) which deals with conflict areas globally.

For his contribution as a servant leader, his tireless pursuit of justice, peace, conflict resolution and reconciliation; establishing the architecture of democratic governance in a post-apartheid state; developing and promoting the vision of the African Renaissance and consistently placing people at the centre of socio-economic development, it is an honour for Nelson Mandela University to confer the degree of Doctor of Philosophy (honoris causa) on **Reverend Frank Chikane**.



Honorary Doctoral Recipient

Professor Morgan Chetty – Doctor of Philosophy (Honoris Causa)



Prof Mohambry (Morgan) N Chetty has been at the helm of Family Medicine for about 40 years. He has dedicated his life to promoting access to quality healthcare, with a focus on the poor, and being patient-centered.

He obtained his MBChB from the University of Natal and has completed numerous other medical qualifications from both South African and American institutions. Healthcare in the private sector was in chaos. It was divided on ethnic

lines, a huge public/private divide, poorly coordinated and very system-centric, health professional and hospital-centric focused.

In 1998, he single-handedly raised funds and gathered doctors together to start the first truly democratic doctor organisation, The South African Managed Care organisation. He was elected as the Vice-Chairperson and he still holds that position today. The ethos was to bring doctors together to be cost-efficient, to be custodians of our scarce resources and to deliver holistic quality care. He was also instrumental in the erection of one of the first Black owned hospitals post-apartheid in Durban, Mount Edgecombe Hospital.

There was a need to bring together ethically divided healthcare practitioners in South Africa and once again, Prof Chetty led the team to establish an umbrella organisation, the Independent Practitioners Association of South Africa. This was the turning point as the country saw doctors unite for the common purpose of "caring" for patients, managing scarce resources and striving for quality outcomes. Prof Chetty is the Chairman of the IPA Foundation of SA (Independent Practitioners Association) and is also the Chairman of the regional IPA – The KZN Doctors Healthcare Coalition.

He was awarded the Faculty of Family Practitioners Fellowship

for his outstanding work amongst Family Practitioners by the College of Medicine in SA and won a Fulbright Humphrey Fellowship to the USA in 1993 where he obtained a Master's in Public Health at Tulane University in New Orleans.

Prof Chetty has written over 80 articles and columns on healthcare for various national and international medical journals and publications. He is also regularly involved in radio and TV interviews and is often quoted in the press. Prof Chetty is the author of two books on "Managed Health Care".

He has organised the Africa Healthcare Congress in SA for the past six years and most recently, was involved in the organising of the Africa Health Business Symposium, bringing together high-ranking health officials from Africa and abroad to debate the issue of universal healthcare in Africa.

In 2018, he was appointed by the Minister of Health to the NHI (National Health Insurance) GP Contracting Committee and also onto the Board of the "Office of Health Standards Compliance" (OHSC). This body will accredit all facilities, providers and other health establishments to work for the NHI Programme.

Prof Chetty is a member of the International Academy of Quality and Safety (IAQS) and on the Patient-Centered Committee to drive the paramount role of the patient in healthcare decisions - membership of the Academy is one of the highest honours that an Individual working in the area of Quality and Safety can achieve. In addition, he was also appointed as an ISQua (The International Society for Quality in Health Care) Expert Member.

He was recently awarded the Discovery Health Lifetime Achievement Award for work in the quality of healthcare, Lifetime Membership to the International Academy of Quality and Safety (IAQS) and received the Dr Humphrey Zokufa, Titanium Lifetime Achievement Award (BHF) – for Significant Contribution to the Healthcare Industry over time.

For his contribution in upskilling doctors in South Africa, leading 5000 primary care doctors and the empowerment of patients on patient rights, it is an honour for Nelson Mandela University to confer the degree of Doctor of Philosophy (honoris causa) on **Professor Morgan Chetty**.



Academic dress

Special academic attire was designed for office bearers at Nelson Mandela University to be worn at prestigious academic events like graduation.

Each outfit – from that of the Chancellor and Vice-Chancellor to those of the Executive Deans – has been meticulously selected to signify a particular office; this is a tradition that is consistent with leading universities throughout the world.

The gowns, caps and hoods of Nelson Mandela University graduates were similarly inspired and are explained in detail below.

Academic dress for graduates at Nelson Mandela University is as follows:

Doctoral degrees

Gown: Cardinal red polyester cashmere gown with long pointed sleeves pleated up with blue cord and button and lined with blue satin with 125mm facings and a blue collar.

Hood: Full shape hood in cardinal red polyester cashmere lined with faculty colour satin and edged around the cowl with 75mm faculty colour ribbon with 15mm blue ribbon overlaid central. 50mm wide straight neckband in cardinal red polyester cashmere, 25mm faculty colour ribbon in centre of neckband with 15mm blue ribbon overlaid central to faculty ribbon.

Cap: Round doctor's bonnet in black velvet with faculty colour cord and tassel.

Master's degrees

Gown: Black gown, long pointed sleeves pleated up with blue twisted double cord and button. Similar cord detail is used.

Hood: Full shape blue hood lined faculty colour satin and edged around the outside of the cowl with 75mm faculty colour with ribbon. 50mm straight neckband in blue with 25mm faculty colour ribbon centred.

Cap: Black mortarboard with blue tassel.

Postgraduate diplomas

Gown: Black gown, long pointed sleeves pleated up with blue twisted double cord and button. Similar cord detail.

Hood: Blue simple shape hood lined silver grey satin. Straight neckband with 15mm faculty ribbon on top edge of neckband and around cowl. 15mm silver grey ribbon on bottom edge of neckband and around cowl spaced 20mm away from the faculty colour.

Cap: Black mortarboard with blue tassel.

Bachelor honours degrees

Gown: Black gown, long pointed sleeves pleated up with blue twisted double cord and button. Similar cord detail.

Hood: Blue simple shape hood lined silver grey satin with 50mm wide straight neckband in faculty colour. Cowl edged 75mm faculty colour ribbon on the outside. 15mm silver grey ribbon runs along the outer edge of the cowl, overlaid on faculty ribbon and on top edge of neckband.

Cap: Black mortarboard with blue tassel.

Four-year bachelor's degrees (including Bachelor of Technology degrees)

Gown: Black gown, long pointed sleeves pleated up with blue twisted double cord and button. Similar cord detail.

Hood: Blue simple shape hood lined silver grey satin with 50mm wide straight neckband in faculty colour. Cowl edged 75mm faculty colour ribbon on the outside. Silver grey cord runs along the outer edge of the cowl, overlaid on faculty ribbon and on top edge of neckband.

Cap: Black mortarboard with blue tassel.

Three-year bachelor's degrees

Gown: Black gown, long pointed sleeves pleated up with blue twisted double cord and button. Similar cord detail.

Hood: Blue simple shape hood lined with silver grey satin with 50mm wide straight neckband in faculty colour. Cowl edged 75mm faculty colour ribbon on the outside.

Cap: Black mortarboard with blue tassel.

Advanced diploma

Gown: Black gown, long pointed sleeves pleated up with blue twisted double cord and button. Similar cord detail.

Hood: Blue simple shape hood lined with silver grey satin with 50mm wide straight neckband. 15mm faculty colour ribbon on top and bottom of neckband around cowl.

Cap: Black mortarboard with blue tassel.

Diploma

Gown: Black gown, long pointed sleeves pleated up with blue twisted double cord and button. Similar cord detail.

Hood: Blue simple shape hood with 50mm wide straight neckband. 25mm faculty colour ribbon on centre of neckband.

Cap: Black mortarboard with blue tassel.



Faculty colours

Arts: Yellow

Business & Economic Sciences: Plum

Health Sciences: Apple green

Law: Grey blue

Education: Orange

Science: Dark green

Engineering, the Built Environment and Information Technology: Light blue

Business School: Black and magenta



Messrs T. Birch & Co (Pty) Ltd and its subsidiary, Croft Magill & Watson (Pty) Ltd, have been appointed as official robe maker to the university and as contracted suppliers of choice to students for graduation academic attire.

Photos In Seconds has been appointed as the official photographer of the university.



Congratulatory message from the Alumni Association

Congratulations on your academic achievement! Welcome to the Nelson Mandela University family. You are now a Nelson Mandela University alumnus.

We would like to take this opportunity to introduce you to the Nelson Mandela University Alumni Association.

Once you have obtained your Nelson Mandela University certificate, diploma or degree you become an alumnus of the university and a member of the Nelson Mandela University Alumni Association. The Association is recognised by the university Council as a structure of the university. The Association supports and enhances the realisation of the university's vision and mission through maintaining and expanding positive relationships with its members.

The Role of the Alumni Association Office

The Alumni Association Office is a public relations and projects department responsible for the day-to-day management and running of the Alumni Association, the University Shop and all matters related to alumni engagement. Primarily, we build relationships and maintain strong links with graduates, parents, friends and supporters of the university through events, networks, services, communications and community engagement.

The Role of Nelson Mandela University graduate

We encourage you to attend the alumni engagement events, be an active alumni ambassador, support your alma mater

in a variety of ways including sharing news, expertise, skills, and contributions in cash and kind. We encourage a culture of giving back especially for student bursaries, which can be accessed on our alumni website.

University Shop

Visit the University Shop situated at the Sanlam Student Village on University Way, Summerstrand, for all Nelson Mandela University branded clothing, corporate gifts, bags and memorabilia!

Lifetime connection with Nelson Mandela University



We are proud of our alumni and value your connection.


We encourage you to stay in touch by updating your graduate profile. We will keep you informed with university developments and graduate news through our event invitations, project and campaign updates, regular e-newsletters via our website and social media channels.

Your graduate profile link <https://mandela.devman.co.za/Devman/alumni/findme/>

We welcome your visit to the Alumni Associates Centre on North Campus in Port Elizabeth.

More info: T +27 41 504 3935 E alumni@mandela.ac.za

Join us:   Nelson Mandela University Alumni

www.alumni.mandela.ac.za  @MandelaUni

Stay connected to your *alma mater*!





NATIONAL ANTHEM

Nkosi Sikelel'i-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 Africa.

South Africa.

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.



Change the World

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