



Graduation Programme

The Future. Reimagined.



UNIVERSITY
OF
JOHANNESBURG

Dear UJ Graduates

Your journey to this point has been an important lesson in leadership. As I have iterated often, learning, knowledge and leadership are an essential mix and those who do not know, cannot lead. Our objective has been to empower you as leaders who are primed to face the challenges of the 4IR and explore the opportunities that this new era presents both locally and internationally. This is an exciting adventure, let me assure you that the world you are entering is abundant with opportunities, and of course, challenges.

This graduation is rather special. Though we still find ourselves in a strange setting, still fighting an invisible and relatively unknown threat and still gripped with a sense of uncertainty, there does seem to be a glimmer of hope on the horizon. This represents our first cohort of in-person graduations in two years. As we celebrate your attainment of a major milestone, we are cognisant of the sheer resilience you have demonstrated against a tumultuous context – one defined by loss, anguish and seismic shifts in the way we live and work. A graduation ceremony is an important precursor to the next chapter of your lives. It is warming to be able to celebrate this achievement today with you in person as opposed to the digital modes that have defined much of the pandemic so far.

I want to take this opportunity to remind you that as a graduate, you join a small elite in our country. This is really something to celebrate. Though the odds seemed stacked against you, you persevered and not have the potential to address some of the greatest scourges of our time. You have chosen well – a qualification from UJ will hold you in good stead!

UJ has grown into a world-class, internationally recognised university with

more than 50 000 students registered. Our global stature and academic depth and footprints are acknowledged by reputable higher education ranking systems in the world. You emerge today as the world including us in South Africa, is in a period of deep change. UJ is leading the charge in the Fourth Industrial Revolution (4IR) and creating a cohort of graduates who are agile, curious and able to be active participants in a technology driven and digital environment.

At UJ, you have encountered some of the finest South African and international academic minds. You have participated in technology-rich learning, which compares favourably to the very best in global higher education.

We welcome you as a new member of the global UJ alumni community where you will join a worldwide body of professionals, many of whom are leaders in their fields. I encourage you to join the UJ Alumni Network and become an active member of the University Convocation. By staying actively engaged with UJ, you can make a real contribution to our academic projects and to those who will study at UJ after you.

It is exciting to once again commence this time-honoured tradition. Congratulations on this inspiring achievement and the best of luck with your next chapter!



Prof Tshilidzi Marwala
Vice-Chancellor and Principal
University of Johannesburg

**Welcome to the
Graduation Ceremony of the
University of Johannesburg
5 May 2022 at 12:30**

**Welkom by die
Gradeplegtigheid van die
Universiteit van Johannesburg
5 Mei 2022 om 12:30**

**Le a Amogelwa
Moletlong wa Dikapešo wa
Yunibesithi ya Johannesburg
5 Mopitlo 2022 ka 12:30**

**Niyamukelwa
eMcimbini wokweThweswa kweZiqu
weNyuvesi yaseJohannesburg
5 kuNhlaba 2022 ngele-12:30**

UNIVERSITY OF JOHANNESBURG

CHANCELLOR

Prof NS Ndebele

BA (Lesotho), MA (Cambridge UK), PhD (Denver USA)

SENIOR OFFICE-BEARERS OF THE UNIVERSITY

VICE-CHANCELLOR AND PRINCIPAL

Prof T Marwala

BS Eng (Case Western Reserve USA), MEng (UP), PhD (Cambridge UK)

DEPUTY VICE-CHANCELLOR ACADEMIC

Prof LG Mpedi

B Juris, LLB (Vista), LLM (RAU), LLD (UJ)

DEPUTY VICE-CHANCELLOR: RESEARCH AND INTERNATIONALISATION

Prof S Sinha

BEng, MEng, PhD (UP)

REGISTRAR

Prof IC Burger

BA, HEd, BA Hons, MA, PhD (RAU)

CHIEF FINANCIAL OFFICER

Ms N Mamorare

BCom (Rhodes), BCom Hons (UKZN), CA (SA)

CHIEF OPERATING OFFICER

Dr M Ralephata

BSc Eng (Wits), MBA (UOVS), MSc (Heriot-Watt), DBA (Heriot-Watt)

SENIOR EXECUTIVE DIRECTOR

Dr N Vukuza

BA (Fort Hare), BA Hons (Rhodes), DTE (UNISA), MA (Wits),
PhD (Stellenbosch)

GENERAL COUNSEL

Mr D Pretorius

BCom, LLB, LLM (NWU)

EXECUTIVE DEANS

COLLEGE OF BUSINESS AND ECONOMICS

Prof D van Lill

BSc, BSc Hons, MSc, PhD (US)

FACULTY OF ART, DESIGN AND ARCHITECTURE

Prof S Laurent

BFA (l'Ecole Boulle, Paris), MFA (ENS, Paris-Saclay),
MPhil, PhD (Université Panthéon-Sorbonne, Paris),

FACULTY OF EDUCATION

Prof N Petersen

BA Ed (UNISA), BEd Hons (RAU), MEd (RAU), DEd (UJ)

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

Prof DJ Mashao

BSc Eng (UCT), MSc Eng (UCT), MSc AM (Brown, USA), PhD (Brown, USA)

FACULTY OF HEALTH SCIENCES

Prof S Khan

BSc, BSc Hons, MSc, PhD (UWC)

FACULTY OF HUMANITIES

Prof K Naidoo

BA, BA Hons, MA, PhD (University of Manchester, UK)

FACULTY OF LAW

Prof W Domingo

B SoSc (UCT), LLB (UWC), LLM (Columbia, USA),
SJD (Winsconsin-Madison, USA)

FACULTY OF SCIENCE

Prof D Meyer

BSc, BSc Hons, MSc (RAU), PhD (California USA)

DEAN

JOHANNESBURG BUSINESS SCHOOL

Prof R Carolissen

MSc (UWC), MBA (SUN), MCom (NWU), PhD (UWC)

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Mr FM Baleni

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Ms K Gugushe

Prof D Hildebrandt

Ms X Kakana

Mr G Khosa

Mr M Khoza

Ms K Khumalo

Ms B Madikizela

Mr M Mahlasela

Mr M Manana

Prof T Marwala

Prof LG Mpedi

Ms N Molope

Ms Z Mthembu

Dr WP Rowland

Prof A Strydom

Ms C Tshilande

PRESIDENT OF CONVOCATION

Prof BM Diale

Gaudeamus Igitur

Gaudeamus igitur,
Juvenes dum sumus;
Post iucundum iuventutem,
Post molestam senectutem
Nos habebit humus.
Vivat academia,
Vivant professores,
Vivat membrum quodlibet,
Vivat membra quaelibet;
Semper sint in flore!

English

Let us rejoice, therefore,
While we are young.
After a pleasant youth
After a troubling old age
The earth will have us.
Long live the academy!
Long live the professors!
Long live each student;
Long live the whole fraternity;
For ever may they flourish!

Sesotho sa Leboa

Ka gona, a re thabeng,
Re sa le ba bafsa.
Ka morago ga bofsa bjo bo bose
Ka morago ga go tšofala mo go nago
le mathata
Lefase le tla ba le rena.
Phela thuto phela!
Phelang diprofesa phelang!
Phelang baithuti phelang;
Phela kagišano ka botlalo phela;
O ka re ba ka phela gabotse
goyagoile!

Afrikaans

Laat ons dan vrolik wees,
Terwyl ons jonk is;
Na 'n aangename jeug.
Na 'n onaangename oudag,
Sal die aarde ons hou.
Lank lewe die universiteit,
Lank lewe die professore,
Lank lewe elke student,
Lank lewe al die studente,
Mag hulle vir ewig hul jeug behou!

Zulu

Ngakho, masithokoze
Sisebasha nje.
Emva kobumnandi bobusha
Emva kwezinkinga zobudala
Umhlaba uzosithatha.
Phambili ngemfundo!
Phambili boSolwazi!
Phambili nakuwe mfundi;
Phambili ngenhlangano yonke;
Maziqhubeke ngonaphakade!

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT QUALIFICATIONS

1. National Diploma Diploma

Baloyi, Tenyeko Mitah (Operations Management)

Bila, Vutisani Beverly (Management Services)

Blaai, Emihle Ingrid (Management Services)

Chauke, Austin Xitshembiso (Management Services)

Chauke, Vutlhari (Operations Management)

Dester, Gregori Raphael (Operations Management)

Diale, Lerato Wilheminah (Management Services)

Dibete, Ngatana Thabo (Operations Management)

Ditibane, Omogolo (Operations Management)

Dlamini, Nqubeko Sifezile (Management Services)

Dube, Manasseh Alwande (Operations Management)

Fetsha, Avumile (Operations Management)

Gwambe, Sanele Goodman (Operations Management)

Hlatshwayo, Nontobeko (Management Services)

Jevu, Thato (Operations Management)

Kalenda, Jonathan Tshibangu (Operations Management)

Kanyinda, Eflamy Doxa (Operations Management)

Kapenda, Chabala (Management Services)

Kasongo, Dan Kasongo (Management Services) **(with distinction)**

Kenmy Mbiankeu, Madeleine Alice (Operations Management)

Khoza, Amukelani Appreciate (Operations Management)

Khoza, Marvin Mpendulo (Management Services)

Khumalo, Sbonelo (Operations Management)

Khumalo, Zamokuhle Perseverance (Operations Management)

Khupiso, Zukiswa (Management Services)

Kokobane, Phatane Annah (Operations Management)

Kubheka, Siphesihle (Operations Management)

Lehobo, Olga (Operations Management)

Luvuno, Siphesihle Brian (Management Services)

Mabadzhe, Zwivhuya Emmanuel (Management Services)

Mabala, Lumka (Management Services)

Mabaso, Nonhlanhla (Operations Management)

Mabena, Trudy Sesi (Management Services)

Mabokachaba, Makotone Jack (Operations Management)

Mabombe, Bonginkosi Simone (Operations Management)

Mabunda, Thapelo Justine (Management Services)

Maenetje, Selai Comfort (Management Services)

Makhubo, Siphesihle (Operations Management)

Makhubo, Thando Hlengiwe (Operations Management)

Makota, Daphney (Management Services)

Makwela, Palesa Portia (Operations Management)

Maloma, Kagiso Maepe (Management Services)

Mamberi Akouogui, Dany Chrislain (Operations Management)

Mane, Petrus Ndzimeni Junior (Management Services)

Manyadze, Humbelani (Operations Management)

Maphakela, Mohlaba Johnsom (Operations Management)

Maphunye, Katlego Sesai (Operations Management)

Masegela, Mosima (Operations Management)

Maseko, Ntokozo (Operations Management)

Mashaba, Mkhachane Jackson (Operations Management)

Mashimbye, Nkateko Ethel (Management Services)

Mashinini, Nhlakanipho (Operations Management)

Mathabathe, Minene (Management Services)

Matheba, Mahlodi Benina (Management Services)

Mathebula, Angel Ntsako (Management Services)

Mathebula, Nhlamulo (Operations Management)

Matlou, Solomon (Operations Management)

Matshikiri, Mulalo Claribel (Management Services)

Mazibuko, Silindokuhle Ayanda (Operations Management)

Mbedzi, Jude (Management Services)

Mbiza, Asibahle Oziswa (Management Services)

Mbuli, Nonkululeko (Management Services)

Mgaga, Thobani Patrick (Management Services)

Mhlanga, Sibusiso Percy (Operations Management)

Missi, Jean Pierre Baganda (Operations Management)

Mkhabela, Nokwanda Candra (Operations Management)
(with distinction)

Mkhonto, Ayanda Pearl (Operations Management)

Mkhonto, Nomfundo Precious (Operations Management)
Mkhwanazi, Vurhonga Glory (Operations Management)
Mlimi, Palesa Percy (Management Services)
Mncube, Qophelo Sthabile (Operations Management)
Mnguni, Linda (Management Services)
Mnyaka, Neliswa (Management Services)
Mofokeng, Reitumetse Priscilla (Management Services)
Mohapi, Sanele (Operations Management)
Mojela, Porotla Bianca (Management Services)
Mokgalaka, Kholofelo (Operations Management)
Mokgoloboto, Mollale (Operations Management)
Mokoena, Fumane Pearl (Operations Management)
Molakeng, Matebello Joyce (Operations Management)
Mollo, Katleho (Management Services)
Moloantoa, Kaiso Lesetja (Management Services)
Molokomme, Thabiso (Operations Management) **(with distinction)**
Molokwane, Lebogang (Operations Management) **(with distinction)**
Moloto, Katlego (Operations Management)
Motha, Ayanda Felicia (Operations Management)
Mothoa, Boitumelo (Operations Management)
Motsa, Tshepang Pretty (Operations Management)
Mpenyani, Nako (Management Services)
Mphoreng, Sibusiso (Operations Management)
Mqhedhlane, Innocent Kagiso (Management Services)
Msimanga, Nqobile (Operations Management)

Mthanti, Hlengiwe Philisiwe (Operations Management)
Muauke, Kabamba Elisabeth (Management Services) (**with distinction**)
Muchanga, Americo (Operations Management)
Mudau, Meshack (Management Services)
Mudau, Pfano (Management Services)
Mudau, Tshilidzi Glory (Operations Management)
Mukusa, Sanza Chris (Operations Management)
Mulaisi, Khanyisa Bontle (Management Services)
Muofhe, Elelwani (Operations Management)
Musiamu, Vhahangwele (Operations Management)
Mwamba, Ngandu Emmanuel (Operations Management)
Mwambazi, Mutemwe Mwansa (Management Services)
Napjane, Neo (Management Services)
Ncongwane, Sipiwe Nkululeko (Operations Management)
Ndaba, Sinenhlanhla Samantha (Management Services)
Ndaba, Zilungile Ntombizandile (Management Services)
Ndhlala, Prince Witness (Operations Management)
Ndlangisa, Nandipha Nolwandle (Operations Management)
Ndzimande, Akhona Natasha (Management Services)
Nemahagala, Tshiwela Rejoice (Operations Management)
Ngesimani, Avela (Operations Management)
Ngoako, Christine (Management Services)
Ngobeni, Mbali Michelle (Management Services)
Nkake, Shaun Mpho (Operations Management)
Nkosi, Gugulethu (Operations Management)

Nlome Assoumou, Daniel Mathieu Junior (Operations Management)

Ntimane, Angeline (Operations Management)

Ntshwane, Hellen (Management Services)

Nzeku, Gugulethu Promise (Operations Management)

Ogalah, Miranda (Operations Management) **(with distinction)**

Papola, Pitsi Mankisi (Operations Management)

Phahlamohlaka, Chuba (Operations Management)

Ramuthelo, Ntuseneni Lucky (Operations Management)

Rankweteke, Thabang (Operations Management)

Rashaga, Amanda Nthabiseng (Management Services)

Rikhotso, Ntsakisi Miehleketo (Management Services)

Ringani, Ndalo Abednego (Operations Management) **(with distinction)**

Sabela, Thembelihle Sethabile (Operations Management)

Samba, Don Divin Fosh (Operations Management)

Sebothoma, Keletso Thabiso (Management Services)

Seemela, Ikageng (Operations Management)

Sehlogo, Karabo Nhlakanipho (Management Services)

Sekgololo, Maswikana Mathews Alpheus (Operations Management)

Sello, Maphefo Cindy (Operations Management)

Sephora, Anastasie Manyonga (Management Services)

Serero, Mamly Hildah (Operations Management)

Shabangu, Nkosazana Antornette (Operations Management)

Shongwe, Khulekani Megan Mabutho (Operations Management)

Shongwe, Siphosethu Nsingizi Kwanele (Operations Management)

Shungube, Pearl Zinhle (Management Services)

Sibanda, Leonard Methembe (Operations Management)

Sibanda, Mooketsi (Operations Management)

Sibanda, Nosipho Lyanah (Management Services) **(with distinction)**

Sibeko, Elly Ventina (Operations Management)

Sibiya, Sabelo Phiwayinkosi (Management Services)

Sidiya, Lonwabo (Operations Management)

Simelane, Lungeleni Nomcebo (Operations Management)

Simelane, Wandile Sphelele Golide (Operations Management)

Singh, Kiolin (Management Services)

Siphoro, Khuliso Elizabeth (Management Services)

Sithole, Nqobile Nompilo Pumla (Operations Management)

Sukazi, Sthandiwe Nonjabulo Zwakele (Operations Management)

Tenene, Nobuhle Hildegard (Management Services)

Thabeng, Makatlapane Jerry (Operations Management)

Themba, Berlinah (Management Services)

Thusi, Nqobile Vuyiswa (Operations Management)

Tiro, Oagile (Management Services)

Tshibangu, Mudingayi David (Management Services)

Tshikalange, Denzhe (Management Services)

Tsotetsi, Teboho Amos (Operations Management) (with distinction)

Venu Gopaul, Seyanka (Operations Management)

Vilane, Ntombikayise (Management Services)

Wana, Anathi (Operations Management)

Yav, Kabinga Andy (Operations Management)

Zikalala, Mthokozisi (Operations Management)

Zuma, Hlengiwe (Operations Management)

Zwane, Mpho (Management Services)

2. Advanced Diploma

Akilimali, Nadine Asifiwe (Operations Management)

Borah, Shanee Cheryl (Management Services)

Buthelezi, Njabulo Praisegod (Operations Management)

Chepape, Mantlhane Thapelo (Operations Management)

Chiloane, Loveness (Management Services)

Dikhoba, Ramasela Thandi (Operations Management)

Dube, Jabulile (Management Services)

Gumede, Gugulethu (Management Services)

Kabange, Disase Gloire (Management Services)

Lediga, Ramatsobane Dineo Johanna (Operations Management)

Mabogoane, Moeketsi Concilia (Management Services)

Madutung, Mpho Brian (Management Services)

Magana, Thabiso Richmond (Operations Management)

Makama, Buhle Success (Management Services)
Makgopa, Karabo (Operations Management)
Makhubela, Themba Phumulani (Management Services)
Malik, Maida Hassan (Operations Management)
Malungani, Presley (Operations Management)
Mathye, Nhlayiseko Pearl (Management Services)
Matlebjane, Mathews (Operations Management)
Mayekiso, Bonga Andile (Management Services)
Mayekiso, Bongani Sandile (Management Services)
Mbaya, Muyombo Patrice (Operations Management)
Mbuyisa, Motshidisi Jeanette (Operations Management)
Mfenqa, Avela Siyabonga (Operations Management)
Mhlanga, Sandile (Operations Management)
Milomo, Hazel Nosipho (Management Services)
Mlangeni, Sandile (Operations Management)
Mngomezulu, Ntokozo (Operations Management)
Mnisi, Kabelo Happy (Management Services)
Mnisi, Vunene (Management Services)
Mogashoa, Letlhogonolo Minah (Management Services)
Molaudzi, Fhatuwani (Operations Management)
Moseki, Oratile Letlhogonolo (Operations Management)
Motale, Lebohang Richmond (Management Services)
Motlounq, Kabelo (Operations Management)
Mphundi, Thandizo Olivia (Operations Management)
Mpulampula, Naledi Andiswa (Operations Management)
Mulamba, Naomi (Operations Management)
Mulaudzi, Mutshidzi (Operations Management)

Ndaba, Tando (Management Services)
Ndinisa, Siyabonga Mbongeni (Operations Management)
Ndjibu, Dorcas Lusamba Kilolo (Management Services)
Ngoasheng, Keorapetse Mamoloko Vaughn (Management Services)
Ntalenyane, Bonolo (Operations Management)
Ntshabelle, Tebogo (Management Services)
Ntuli, Nkosiyethu Prince (Operations Management)
Ntuli, Petunia Mpho (Management Services)
Osaro, Adesuwa (Operations Management)
Qwabe, Charles Sifiso (Management Services)
Sehume, Boipelo Kholofelo (Management Services)
Seopela, Lebogang (Operations Management)
Seshoka, Trinity Mpho (Management Services)
Shadung, Mahlako Malehu (Management Services)
Shimange, Bizi (Management Services)
Shongwe, Sandile Happy (Operations Management)
Shuma, Bongani Penelope (Operations Management)
Sithole, Nobuhle Precious (Operations Management)
Sithole, Phiwayinkosi (Management Services)
Tambwe, Deborah Baraka (Management Services) **(with distinction)**
Tshabalala, Thobeka Owami (Management Services)
Tshivule, Lawrence (Management Services)
Vilakazi, Leslie Mpho (Operations Management)

3. Post Graduate Diploma

Appalsamy, Theshen Seeramloo (Operations Management)

Benjamin, Robert Richard (Operations Management)

Chetty, Ruvashnee Thashanee (Operations Management)

Ciliza, Nokukhanya (Operations Management)

Duba, Baphile (Operations Management)

Fota, Gentil Kavul (Operations Management)

Kabange, Shimba Mika (Operations Management)

Mahomo, Matshidiso Mahlohonolo Audrey (Management Services)

Masokoameng, Boitumelo (Operations Management)

Mazibuko, Mandla (Management Services)

Mhaule, Lebogang Clementine (Management Services)

Mhlongo, Diputso Shadymon (Management Services)

Mofamade, Ambani Ethen (Operations Management)

Mokoena, Bongiwane (Management Services)

Mpanza, Lerato Octavia (Operations Management)

Mulaudzi, Mpho Isaac (Operations Management)

Ndala, Lindelani Mandlakayise (Operations Management)

Negi, Wasab Singh (Operations Management)

Ngcongwane, Lolebogeng Naomi (Operations Management)

Ntshangase, Siyabonga Vincent (Operations Management)

Ramalivhana, Aluwani Gerald (Management Services)

Rihlampfu, Judiah Nancy (Operations Management)

4. Master of Technology

Kpotison, Jacob (Operations Management)

Dissertation: An assessment of the maintenance of plant production machines in Tema, Ghana

Supervisor: Prof CO Aigbavboa

Co-supervisor: Prof WD Thwala & Mr BM Arthur-Aidoo

Mahlaha, Kgotso Justice (Operations Management)

Dissertation: Lean 7S methodology to improve efficiency for organisational performance

Supervisor: Prof N Sukdeo

Co-supervisor: Mr V Mofokeng

Mamela, Tebogo Lucky (Operations Management)

Dissertation: Impact of artificial on workforce Performance In a South African banking institution

Supervisor: Prof N Sukdeo

Co-supervisor: Mr S Mukwakungu

Monoge, Mathebula David (Operations Management)

Dissertation: Analysis and recommendations on business improvement techniques as applied in South African collieries

Supervisor: Prof A Mulaba

Co-supervisor: Dr NS Madonsela

Oyewole, Bukola Frances (Operations Management)

Dissertation: An assessment of discrimination against women in the Nigeria construction industry

Supervisor: Prof CO Aigbavboa

Co-supervisor: Prof WD Thwala

5. Master of Philosophy

Ekwuno, Obododike Anthony (Engineering Management)

Dissertation: Analysing project delay causes and mitigation measures in the South African construction industry

Supervisor: Prof H Nel

Khosa, Thompho (Engineering Management)

Dissertation: Key performance indicators for measuring business process performance in the South African Banking industry

Supervisor: Prof AL Marnewick

Co-supervisor: Mr N Joseph

Mabitsela, Tebogo Lesiba (Engineering Management)

Dissertation: A framework for penetrating engineering related markets in developing countries

Supervisor: Dr BW Botha

Mashapu, Lehlogonolo David (Engineering Management)

Dissertation: Energy efficiency management through the use of artificial intelligence methodologies

Supervisor: Prof JHC Pretorius

Co-supervisor: Mr P Eboule

Masunungure, Innocent (Engineering Management)

Dissertation: Factors that influence the implementation of an organisation's strategic infrastructure master plan: A case study

Supervisor: Prof JHC Pretorius

Co-supervisor: Dr E Ogbeifun

Matha, Nangamso (Engineering Management)

Dissertation: The relationship between conducting phase gate reviews and successful implementation of projects

Supervisor: Prof J Meyer

Mathebula, Olaph (Engineering Management)

Dissertation: Enhancing operational excellence by deploying Lean Six Sigma to achieve Enterprise Excellence: A Case study

Supervisor: Prof JHC Pretorius

Co-supervisor: Dr A Vermeulen

Mkhize, Doctor Professor (Engineering Management)

Dissertation: Processes and strategic management systems that lead to conflict in headquarters-subsidary relationships

Supervisor: Prof H Nel

Mohale, Luckyboy Monstho (Engineering Management)

Dissertation: Occupational health and safety in South African engineering and science laboratories

Supervisor: Prof H Nel

Mokoena, Boitumelo (Engineering Management)

Dissertation: Benefits of deploying a photovoltaic systems in industries

Supervisor: Prof JHC Pretorius

Co-supervisor: Dr P Eboule

Mpasi, Lefu Isaac (Engineering Management)

Dissertation: Smart maintenance in the era of the Internet of Things

Supervisor: Prof A Telukdarie

Co-supervisor: Mr M Sishi

Mutasa, Musa Tungamirai (Engineering Management) (with distinction)

Dissertation: Mapping Industry 4.0 on the path to world class manufacturing

Supervisor: Prof A Telukdarie

Phakathi, Mandla Alfred (Engineering Management)

Dissertation: Implementation of an electronic operations management system

Supervisor: Prof A Telukdarie

Phetlhu, Gomolemo Lovell (Engineering Management)

Dissertation: The stakeholders' perceptions on critical success factors for construction projects

Supervisor: Prof H Nel

Tchoungan Pousseu, Stephane (Engineering Management)

Dissertation: A systematic literature review of resilience principles and evaluation methods in engineering design

Supervisor: Prof AL Marnewick

Uusizi, Rian Oma Jane (Engineering Management)

Dissertation: Optimisation of factors impacting optimal vehicle fleet replacement

Supervisor: Prof A Telukdarie

6. Magister Ingenieriae Master of Engineering

Chinnasamy, Trishane (Engineering Management)

Dissertation: Deploying Six Sigma to provide targeted lean implementation in the transportation manufacturing environment

Supervisor: Prof JHC Pretorius

Co-supervisor: Dr A Vermeulen

Katsumbe, Tatenda Hatidani (Engineering Management)
(with distinction)

Dissertation: A systems dynamics model for utilities optimization in the food and beverage industry

Supervisor: Prof A Telukdarie

Co-supervisor: Dr M Munsamy

Mashamba, Moshopyadi Pretty (Engineering Management)

Dissertation: Identification of external risks affecting the South African mining sector and their mitigation strategies

Supervisor: Prof H Nel

Mbedle, Nkululeko (Engineering Management)

Dissertation: Maintenance management of bridges and tunnels: A rail case study

Supervisor: Prof A Telukdarie

Modiba, Tshegofatso (Engineering Management)

Dissertation: Maintenance strategy optimization for a thermal power plant

Supervisor: Prof A Telukdarie

Co-supervisor: Ms L Njoma

Moussana, Davy Cyrille (Engineering Management)

Dissertation: Reliability engineering best practices and benchmarking on refrigeration systems in a fast moving consumer goods plant

Supervisor: Prof H Nel

Tsokodayi, Tonderai (Engineering Management)

Dissertation: An investigation on the adoption of building information modelling in the South African architecture, engineering and construction industry

Supervisor: Prof JHC Pretorius

7. Doctor of Philosophy

Mumba, Amina Amanda (Operations Management)

Thesis: A framework to explore factors influencing customer services within South African retailers

Supervisor: Dr El Edoun

Co-supervisor: Dr Nita Sukdeo

Netshiswinzhe, Rembuluwani Bethuel (Operations Management)

Thesis: A Model for integrated infrastructure delivery in South Africa

Supervisor: Prof CO Aigbavboa

Co-supervisor: Prof WD Thwala

Mumba, Amina Amanda (Doctor of Philosophy)

Amina Amanda Mumba completed her PhD in Operations Management at the University of Johannesburg in 2021. She has been working as an administration director at Purveyors South Africa Mine Services from 2017 to 2022. From her research, entitled 'A framework to explore factors influencing customer services within South African retailers', the candidate has been working on a series of unpublished journal articles.

Business entities are currently operating in an increasingly competitive, complex and dynamic environment, which requires them to understand the trends and patterns of changing customer needs and preferences. The research gap addressed by the study includes the factors that inhibit customer service at retailer shops in the South African context. The research objectives were fulfilled by primary data collected from 380 retailers' customers in Johannesburg. Statistical analyses were conducted based on descriptive statistics and factor analysis to research the conclusions. The contribution of this study is exploring the factors that influence customer service and inform evidence-based decision making to improve the customers' confidence and experience in the retail industry.

Supervisor: Dr El Edoun

Co-supervisor: Dr Nita Sukdeo

Netshiswinzhe, Rembuluwani Bethuel (Doctor of Philosophy)

Bethuel Netshiswinzhe holds an MBA (Henley Business School, University of Reading, 2011), Master of Social Science (University of Cape Town, 1996), and a Bachelor of Social Science Honours (University of Cape Town, 1995). Bethuel completed a PhD in Operations Management (University of Johannesburg, South Africa, 2021). Bethuel is currently the Chief Executive of Blue IQ Infrastructure (Pty) Ltd. Previously, Bethuel worked as the Head of Department at the Gauteng Department of Infrastructure Development. Before joining the Gauteng Provincial Government, he was the Divisional Executive at the Development Bank of Southern Africa (DBSA).

The candidate developed a model for integrated infrastructure delivery in South Africa. The findings of the study revealed that the benefits of an integrated model for infrastructure delivery include integration of existing infrastructure within planned new projects, alignment of infrastructure projects across sectors and different spheres of government, collaboration fostered among stakeholders, co-location of infrastructure projects promoted to render integrated services, and location of new developments in accessible and well-serviced land with the required bulk infrastructure. The main attributes identified for integrated infrastructure delivery are: developing a common vision for the community, stakeholder participation, integrated project development and scoping, access to planning information, cross-sectoral planning, integrated infrastructure master plans, statutory and regulatory compliance, and integrated contractual

framework. The model places integration as a critical underpinning to sustainable infrastructure development. The model is beneficial to infrastructure practitioners, policymakers, and researchers who are in pursuit of best practice.

Supervisor: Prof CO Aigbavboa

Co-supervisor: Prof WD Thwala



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National Anthem of South Africa

Nkosi sikelel' Afrika
Maluphakanyisw' uphondo lwayo,

Yizwa imithandazo yethu,
Nkosi sikelela, thina lusapho lwayo.

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

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

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