

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

DEAN: PROFESSOR T MAJOZI BScEng(UND) MScEng(UND) PhD (UMIST) CEng PrEng FIChemE FAAS MASSAf
FWISA FSAAE

Master of Engineering

MOGALE, Tsedile Ethel

School of Mechanical, Industrial and Aeronautical Engineering

Master of Engineering (Professional)

BETU MUYA, Delphine Makenga

Industrial Engineering

CAPA, Anele Sivuyile

Engineering Management

CHINSAMY, Yuvera

Engineering Management

DILIMA, Mihlali

Industrial Engineering

DUKUSWA, Ignatius

Engineering Management

DU PLESSIS, Abraham Liebrecht (*with Distinction*)

Civil and Environmental Engineering

GANDHI, Rachit Kumar Bhavin Kumar

Engineering Management

GANGERDINE, Angelo Yorick

Civil and Environmental Engineering

GHELA, Pretish Navnitlal

Mechanical Engineering

GROENEWALD, Nezaam

Industrial Engineering

HULLEY, Raymond

Mechanical Engineering

JOSEPH, Otto

Industrial Engineering

KARAM, Roy

Engineering Management

KGOMO, Kamogelo Innocentia

Industrial Engineering

KOMBE, Collen Ramatuke

Electrical Engineering

KRUGER, Phillipus Arnoldus

Civil and Environmental Engineering

MABE, Kwena Julie

Mechanical, Industrial and Aeronautical Engineering

MAFATE, Jack Samuel

Engineering Management

MAKGATO, Motlatso Lawrence

Mechanical, Industrial and Aeronautical Engineering

MAKHANYA , Mpho Lesiba Solomon	<i>Civil and Environmental Engineering</i>
MALEKE , Rethabile William	<i>Electrical Engineering</i>
MALINGA , Njabulo Mcebiseni	<i>Electrical Engineering</i>
MANANZI , Florence Ntombizodwa	<i>Civil and Environmental Engineering</i>
MANIKAM , Nathanael	<i>Civil and Environmental Engineering</i>
MAPHAHA , Takalani	<i>Electrical Engineering</i>
MARAURA , Andrew	<i>Civil and Environmental Engineering</i>
MARULE , Bongekile Gandhi	<i>Industrial Engineering</i>
MASHABELA , Reputsitswe Maphoshi	<i>Industrial Engineering</i>
MATHEW , Thomas Vetticapally	<i>Industrial Engineering</i>
MGIJIMA , Abulele Bhanile	<i>Civil and Environmental Engineering</i>
MIYAMBU , Malebo Beryl	<i>Engineering Management</i>
MODISE , Puseletso	<i>Civil and Environmental Engineering</i>
MOELA , Prudence Tebogo	<i>Civil and Environmental Engineering</i>
MOILA , Molatelo Margaret	<i>Engineering Management</i>
MOKGOADI , Ngwato Johnson	<i>Civil and Environmental Engineering</i>
MOKOU , Jeniffer	<i>Civil and Environmental Engineering</i>
MOLUPE , Mahooana Simon	<i>Electrical Engineering</i>
MOTAUNG , Lebogang Innocent	<i>Civil and Environmental Engineering</i>
MOTSWI , Mathews Madikana	<i>Industrial Engineering</i>
MTHEMBIE , Semmy Nairro	<i>Mechanical Engineering</i>
MTIMKULU , Paul Nkosana	<i>Electrical Engineering</i>
MUJAKU , Pius	<i>Mechanical, Industrial and Aeronautical Engineering</i>
MUTSHINYALO , Unarine Happy	<i>Industrial Engineering</i>
MZEMBE , Gift Tawanda Kufakunesu	<i>Civil and Environmental Engineering</i>
NDITWANI , Masindi	<i>Civil and Environmental Engineering</i>
NGWANE , Sifiso Victor	<i>Civil and Environmental Engineering</i>
NKOSI , Nkosinathi Raymond	<i>Electrical Engineering</i>
NTOTOLE , Shirley Maboko	<i>Civil and Environmental Engineering</i>
PATSIKADOVA , Rangarirai Enock	<i>Mechanical, Industrial and Aeronautical Engineering</i>

PHOOFOLO , Matseliso	<i>Civil and Environmental Engineering</i>
RADEBE , Mfundo Musawenkosi	<i>Civil and Environmental Engineering</i>
RAMBUDA , Milingoni Neani	<i>Industrial Engineering</i>
RAMOGAELA , Bethuel Mokopela	<i>Electrical Engineering</i>
RATONE , Morongoa Unathi	<i>Civil and Environmental Engineering</i>
SEOPELA , Sebolelo Nthabiseng	<i>Civil and Environmental Engineering</i>
THENJWAYO , January Amon	<i>Mechanical Engineering</i>
VENONDUBO , Beata Aveshe-Ovange	<i>Industrial Engineering</i>
XULU , Njabulo Zamagxabhashe	<i>Civil and Environmental Engineering</i>

Master of Science in Engineering

BOTHA , Simoné <i>RESEARCH REPORT</i> : Wear reduction and media density optimization for the single-stage pipe densifier at Sishen iron ore's beneficiation plants	<i>School of Chemical and Metallurgical Engineering</i>
CASSIM , Muhammed Rashaad <i>DISSERTATION</i> : Evaluation and algorithmic adaptation of brain state control through audio entrainment.	<i>School of Electrical and Information Engineering</i>
DZARINGA KISEMBO , Daniel Elvis <i>RESEARCH REPORT</i> : Investigating the effect of size, density and shape of Iron ore particles on batch jig performance	<i>School of Chemical and Metallurgical Engineering</i>
HADEBE , Menzi Bright <i>RESEARCH REPORT</i> : Verifying the quality and performance of grout using sensor technology.	<i>School of Mining Engineering</i>
KAMBALAME , Emily (<i>with Distinction</i>) <i>DISSERTATION</i> : Improving the penalty-free multi-objective evolutionary design optimization of water distribution systems	<i>School of Civil and Environmental Engineering</i>
LIN , Shaw Chian <i>DISSERTATION</i> : Statistical Model Propagation for High-Parallelism in Data Compression.	<i>School of Electrical and Information Engineering</i>
MACHWEU , Morongwa Ednah <i>RESEARCH REPORT</i> : Addressing high dimensionality in water quality modelling in water distribution networks	<i>School of Civil and Environmental Engineering</i>
MAGABATELA , Jonathan <i>RESEARCH REPORT</i> : Hydraulic performance assessment and upgrading of the Tswelopele Village (Gauteng) water distribution network.	<i>School of Civil and Environmental Engineering</i>
MALULEKE , Reply <i>RESEARCH REPORT</i> : The impact of digital technology in South African coal mining: A financial performance analysis of Anglo American, BHP Billiton and Glencore.	<i>School of Mining Engineering</i>
MASOLE , Nyeleti Venus <i>RESEARCH REPORT</i> : Support design approach for crusher chambers: A case study of Palabora Mining company.	<i>School of Mining Engineering</i>
MATOSSE , James <i>DISSERTATION</i> : Control of aerial manipulators for contact inspection.	<i>School of Mechanical, Industrial and Aeronautical Engineering</i>

MEYER, Berto *School of Mining Engineering*
RESEARCH REPORT: Selection of an optimal tunnel development method for an underground mine travelling way using an analytic hierarchy process.

MODIKWE, Thembisile Patience *School of Chemical and Metallurgical Engineering*
DISSERTATION: Characterization and surface finish evaluation of Direct Energy Deposited AlCoCrFeNiTiX High Entropy Alloys

MUKWEVHO, Tshinanne Matty *School of Mining Engineering*
RESEARCH REPORT: Pit optimisation of Vondeling Quarry by understanding geotechnical parameters determined at Zoutkloof Quarry.

NDUMO, Jabulile *School of Chemical and Metallurgical Engineering*
DISSERTATION: Upgrading Semi-soft coking coal by Hydrothermal treatment: Caking and structural properties

NENE, Simphiwe *School of Mechanical, Industrial and Aeronautical Engineering*
RESEARCH REPORT: Provision of personal protective equipment and sanitary facilities to female construction site workers.

NTINI, Hermann Ekini *School of Chemical and Metallurgical Engineering*
RESEARCH REPORT: Selection of a technique to separate carbon dioxide from methane for recovery of natural gas at Lake Kivu

PHILLIP, Neil Claude *School of Civil and Environmental Engineering*
RESEARCH REPORT: Effect of pipeline pigging on raw water pipeline flow rate and energy consumption

SAUNDERS, Shawn Wayne Valantino *School of Civil and Environmental Engineering*
RESEARCH REPORT: A comparative study into the efficiencies of vertical bracing practices

THAGE, Tumelo Macarthur *School of Civil and Environmental Engineering*
RESEARCH REPORT: Water For Firefighting in Sol Plaatje Municipality, Northern Cape, South Africa

THAKADU, Katlego *School of Civil and Environmental Engineering*
RESEARCH REPORT: Improving the performance of a vibration isolator by intergrating vibration damper into the isolator

THEMA, Sephela Makete *School of Mining Engineering*
DISSERTATION: Benefits of using internet of things technology for fuel management at a mechanised underground bord and pillar platinum mine: A Bathopele Mine case study.

THIKUSHO, Christine Runguro *School of Mining Engineering*
RESEARCH REPORT: Slope failure prediction at Husab Open Pit Mine in Namibia.

Master of Science in Industrial Engineering

OLADIPUPO, Rekgopetse Victoria
RESEARCH REPORT: An investigation of factors contributing to long waiting of patients collecting repeat medication in a tertiary hospital pharmacy.

VAZ DE SOUSA, Andrea
RESEARCH REPORT: The development and application of a hybrid metaheuristic clustering algorithm to the capacitated vehicle routing problem.

Bachelor of Science in Engineering-Electrical Engineering

AREFF, Nur'ain
BADENHORST, Daniel Jacobus
BERA, Oussama
BHAGA, Veeral
CHINNIAH, Shivun
DAVIDS, Cesley Kevin
DEBIPERSAD, Nastashia Cheetal
DIKETANE, Noel
GAPARE, Janet Thandi
GOLDBLATT, Hannah Rose (*with Distinction*)
GOVENDER, Keegan
HARRAR, Saudah
JOHANNES, Zewuwel Phelo
KHUMALO, Sandile
LANDGREBE, Michael Konrad Bernhard (*with Distinction*)
LEPILE, Boitshepo Aluncedo
LUVUNO, Londiwe
MAHASHA, Motswalo Mark
MAHLOPHO, Thabani Emmanuel
MAHOMED, Faatimah
MANILALL, Nivar
MAROPEHELA, Thapelo Edward Thabiso
MASHELE, Sandra Buhle
MATHYE, Nkateko Noel
MOODIE, Donato Alfonso
MOYO, Goodgift Fanelesibonge
MPHAHLELE, Molaetsa

MQHAKAMA, Bongekile
MZOBE, Sifiso Innocent
NAIDOO, Preshani
NYANZI, Peter Mugabi
PHOOKO, Goodwill Pheeha
RALUKAKE, Tshililo
RAWLINGS, Christopher Robert
SAMBO, Njabulo Nkosinathi
SEDIBE, Thato Gibson
SHAKIR, Muhammad Hassaan
SHEZI, Thembaletu
SIBI, Boitumelo Nteboheng Charlotte
SILOLO, Zenande
SINGH, Chad
SITAWA, Sinovuyo
SUN HING, Kimberleigh Bianca
TAIM, Daniel Olev
THAMANE, Neo
THWALA, Sindiso Peter
TOHLANG, Denise Tumelo
VALLA, Karan Kamlesh
ZULU, Cebolenkosi Bongumenzi

Bachelor of Science in Engineering-Electrical Engineering - Information Engineering

ANTUNES, Michael Alexandre
DOCRAT, Hamzah
ELLIOTT, Taine Joseph

FINGER, Shehwar Faisal
GRAHN, Bryce Calvin (*with Distinction*)
GRAYMAN, Natan Ron (*with Distinction*)
HAND, Brayden Leslie
JALI, Thabani Melusi
JOFFE, Ellie Jamie
JOHARI, Mannan
KALA, Priyanka Jayant
KANGISSER, Gilad Chaim (*with Distinction*)
KATZ, Daniel Roger
KATZ, Jonathan Gabriel
KGATLA, Karabo
KUNENE, Sandile Wiseman
LORGAT, Sameer
MAHOMANE, Pheteho Reymond Seyelola
MANTSHA, Rotenda
MASILELA, Njabulo
MATHEBULA, Vukosi
MCKENZIE, Devlan John
MENON, Rohit (*with Distinction*)
MOOLLA, Ahmad Mahomed
MOORE, Michael Cameron (*with Distinction*)
NDEGWA, Njeru
OLIVIER, Liam James
PERETZ, Liad (*with Distinction*)
RASEMANA, Tshireletso Tshepho
ROLLE, Michael Ian (*with Distinction*)

RUTHEL, Joshua-Daniel (*with Distinction*)

SENDER, Daron Reuven (*with Distinction*)

SHAPIRO, Joshua Zelig

TAR-MAHOMED, Mohammed Alli

THOBEJANE, Florance Nomvula

WRIGHT, Ruth-Ann Irene (*with Distinction*)

WU, Zhuofeng

ZAGNOEV, Yisrael Meir

Bachelor of Engineering Science in Biomedical Engineering

ABRAHAM, Malihah

ADAM, Razeena

ERASMUS, Dylan James

FALLER, Jonathan Luke

FEINBLUM, Hinda Leah

GAYLARD, Julia Martha

GOVENDER, Keshika

KRENGEL, Gabriella Pesiya

KURRIMBOCCUS, Rawdah

LIEBENBERG, Natascha Margaret

MACKENZIE, Christine

MANTHENGA, Celine Olimba

MARUPING, Palesa Anelisa

MOITRA, Tuhinangshu

NAGAR, Dinal

NAKHUDA, Safiyyah

NARAN, Dhanisha

NDLOVU, Leticia Kensane

PRITHIRAJ SING, Tarun

RAMHARAKH, Nikeel

SALEY, Zayd

SHAIKJEE, Shezaan

SINGH, Leia

SINGH, Priyanka

VAN STADEN, Dominique

VERRALL, Victoria

YOUSEF, Rahma

Bachelor of Engineering Science-Digital Arts

DUNFORD, Jenna Caitlyn

Digital Arts

NGWENYA, Khayaletu

Digital Arts

PILLAY, Yeshria

Digital Arts

RETIEF, Jean-Francois

Digital Arts

