DUT

DURBAN UNIVERSITY OF TECHNOLOGY
INYUVESI YASETHEKWINI YEZOBUCHWEPHESHE

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27 MAY 2021 | 12:00

FACULTY OF ENGINEERING & THE BUILT ENVIRONMENT

ORDER OF PROCEEDINGS

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

Opening Remarks
Advocate R Sewlal
Associate Director: Media, Language and Communication

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Ms N Nyembezi
Chancellor

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KwaZulu-Natal Philharmonic Orchestra

Presentation of Graduands and Diplomandi
Professor B Twala
Executive Dean: Faculty of Engineering and the Built Environment

Conferment of Degrees and Diplomas
Ms N Nyembezi
Chancellor

Congratulatory Message and Vote of Thanks
Professor TZ Mthembu
Vice-Chancellor and Principal

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KwaZulu-Natal Philharmonic Orchestra

Dissolution of the Congregation
Ms N Nyembezi
Chancellor

MESSAGE FROM THE CHANCELLOR

Ms Nonkululeko Nyembezi

Dear Graduating students, class of 2020

Congratulations to our newest alumni, the graduating class of 2020. You have accomplished an enormous amount and you have even greater potential than when you began your studies here at Durban University of Technology. You have earned your qualification and you have accomplished so much.

For some, you will be earning your undergraduate degrees, for others, this will mark the culmination of your postgraduate and professional degrees. For all of us though, I am fully aware that our actions to prevent the further spread of COVID-19 may have caused a disruption to this special occasion. I am as heartbroken as you are that your graduation from the Durban University of Technology has been impacted by this global pandemic.

It is my utmost wish that you remain connected with your lecturers, your friends and your classmates. Remain steadfast, as I am in the knowledge that your DUT education and the relationships you made, the learning you achieved and the experiences you had during your time at DUT will serve you well in the years to come.

You are DUT for Life.

Ms Nonkululeko Nyembezi
Chancellor

UMLAYEZO KASHANSELA

Sibingelela abazokwethweswa iziqu zonyaka ka-2020

Siyanibingelela

Igama lami nginguNonkululeko Nyembezi, nginguShansela weNyuvezi yaseThekwini yezobuChwepheshe. Ngamandla enginikwe wona njengoShansela, ngithi usungaqala umcimbi wokwethweswa kweziqu weNyuvezi yaseThekwini yezobuChwepheshe ozobe ubonakala kumabonakude.

Halala kubafundi bethu abozokwethweswa iziqu, labo abaqede izifundo zabo ngonyaka ka-2020. Nizuze okukhulu kakhulu futhi seniqeqesheke kakhulu okudlula ngesikhathi niqala izifundo zenu lapha eNyuvesi yaseThekwini yezobuChwephese. Nizisebenzele iziqu zenu futhi nizuze okukhulu.

Abanye, iziqu zabo zokuqala lezi, abanye bazogogoda. Lokhu kuzokhombisa umphumela weziqu eziphezulu neziphathelene nomsebenzi enizowenza. Kithi sonke nokho, ngiyazi ukuthi ukwenza kwethu ukuvikela ukubhebhetheka kokhuvethe kungenzeka ukuthi kudale ukuphazamiseka kulomcimbi osemqoka kangaka. Nakumina kubuhlungu lokhu njengakunina ukuthi umcimbi wenu wokwethweswa iziqu waseNyuvesi yaseThekwini yezobuCwepheshe uphazamisekile ilolu bhubhane olusemhlabeni wonke.

Kuyisifiso sami ukuthi bungapheli ubudlelwano phakathi kwenu nothisha benu, abangani benu kanye nozakwenu. Ningaguquki, njengoba ngazi ukuthi imfundo yase-DUT kanye nobudlelwano enibenzile, enikufundile kanye nezinto enihlangabezane nazo ngesikhathi nisese-DUT konke lokhu konisebenzela eminyakeni eyazo.

Niyohlezi ningabase-DUT.

MESSAGE FROM THE VICE-CHANCELLOR AND PRINCIPAL

Professor Thandwa Zizwe Mthembu

As we are all aware, Durban University of Technology (DUT) has produced thousands of graduates over the years. However, the 2021 cohort is the first since the start of implementation of *ENVISION2030* and the emergence of Covid-19 and all its ramifications on our teaching-learning arrangements we had to pivot from.

With the launch of **ENVISION2030** early last year, you would have had a taste of it including the idea of DUT's DNA and the DUT-Way that emanates from it. In future, when we reflect on the impact of the new strategy in all its facets, you will be the baseline cohort.

On behalf of DUT people, I take this opportunity to congratulate you on your important personal accomplishment. We recognize that this milestone carries with it important meanings, part of which suggests you have maintained the discipline of your thoughts and behaviour characteristic of DUT people. Without the requirement of discipline, this day may not have been possible for many of you. For this reason, I dare say that the very discipline you have demonstrated thus far will carry you through your next personal growth trajectories, ranging from further studies, starting a career, starting your own business to even starting a family.

To borrow from Jim Collins, a combination of a culture of discipline and an ethic of entrepreneurship produces "*the magical alchemy of great of performance".* We, thus, have no doubt that focused and disciplined as you were during your studies, and with DUT entrepreneurial flair we have been instilling over a number of years now, you will be greatly successful in your pursuits.

More especially over the last few years of study at DUT, you would have appreciated the strategic approach, outcomes and impacts of our teaching-learning and research-innovation philosophy. We have sought to position DUT as a university of and for its broader society. We exist because our people must use their individual and collective creativity, innovation and entrepreneurial flair to solve perennial and new problems our broader society faces. Solutions to these must contribute towards improving the lives and livelihoods in our society. Through our *'Innovative Research and Curricula'*, we expect you to become a model DUT '*Adaptive Graduate'* who will unleash your creativity and imagination to become the source of change and advancement. By 2030 we will be a vanguard of that change and advancement in society. We see you as an equal partner in this historic voyage we have just embarked upon.

Your graduation coincides with a myriad of challenges confronting the world, the African continent and South Africa as a nation. We do not expect you to feel sorry for yourselves or mourn the persistence of these problems. As DUT, we have accepted Pascal Finnete's assertion that people are a source of everything that happens across all institutions of society. This means that it is people who are behind the problems we know. Similarly, we know that it is a different type of people who contribute ideas that will lead to lasting solutions. In the recent past, I said the following when unpacking the Stewardship Perspective of ENVISION2030:

> *It is about being true and selfless stewards of everyone and everything we are custodians of. It is about our deep conviction and purity of character in our collective quest to reach our ultimate goal. It is about something deeper, irreducible, somewhat intangible, that will sustain us on a flight to greatness. Allow me to say Stewardship is essentially our compass towards our ultimate and shared destiny of greatness.*

As a DUT graduate, you should enthusiastically contribute towards the lives and livelihoods of all our people. In everything you do and will do onwards, may you demonstrate DUT's DNA and the DUT-Way. May you live all DUT's Values and Principles as part of your way of life. That way, you will stand out and be seen to be a distinctive DUT graduate that all will wish to associate with, perhaps employ and perhaps partner with on big and innovative projects.

We wish you all the best in your future endeavours. Become the change you have always yearned for.

UMLAYEZO KASEKELA SHANSELA NOPHINDE ABE NGUTHISHANHLOKO

Njengoba sonke sazi, iNyuvesi yaseThekwini yezobuChwepheshe (DUT) isikhiqize izinkulungwane zezitshudeni eminyakeni eyedlule. Noma kunjalo, labo abathweswa iziqu ngo-2021 bangabokuqala selokhu kusungulwe uhlelo olubizwa nge-ENVISION2030 kanye nokuvela kokhuvethe nezinguquko-ke obekufanele zenziwe ekufundiseni nokufunda.

Ngesikhathi kuqala i-ENVISION2030 ekuqaleni konyaka odlule, ngaleso sikhathi ubungabe usutholile ukuthi iyini yona okubandakanya nomqondo wolibofuzo lwe-DUT neNdlela ye-DUT esuka kuyo. Ngesikhathi esizayo uma sesibuka okwenziwe yileli su elisha kuzo zonke izinhlangothi zalo, niyoba yiqembu lokuqala okweqhathaniswa nalo.

Uma ngikhulumela abantu base-DUT, ngithatha lelithuba ukunihalalisela empumelelweni yenu emqoka kangaka. Siyaqonda ukuthi lempumelelo isho lukhulu kini, okunye kwakho kusho ukuthi nikwazile ukuqoqa imicabango yenu kanye nendlela yokuziphatha okuyinto efana nabantu base-DUT. Ngaphandle kokukwazi ukuziphatha ngendlela, lolusuku bekungenzeka lungabi yimpumelelo kwabaningi benu. Ngalokho ngithi, lendlela enikwaze ukuziphatha ngayo kuze kubemanje izoniqhuba kwenizokwenza kusukela manje, kungaba ukuqhubeba nezifundo, ukusebenza, ukuqala amabhizinisi enu noma ukuqala imindeni.

Ukuthatha emazwini ka-Jim Collins, isiko lokukwazi ukuziphatha kanye nendlela yokukwazi ukuphatha amabhizinisi lokhu kokubili kukhiqiza, *"the magical alchemy of great of performance"* okusho ukuthi "umlingo wenqubo yoguquko yokukhulu kokwenza umsebenzi". Ngakho, asingabazi ukuthi indlela enikwaze ngayo ukugxila kwenikwenzayo nokuziphatha njengoba benenza ngesikhathi sezifundo zenu kanye nobuhle bokusungula amabhizinisi ebekufakwa ezingqondweni zenu e-DUT enqwabeni yeminyaka eyedlule, ngaleyo ndlela niyophumelela kukho konke enihlela ukukwenza.

Ikakhulukazi eminyakeni yokugcina yokufunda e-DUT, kufanele ngabe nithakasele izindlela zokwenza izinto, imiphumela yendlela izinto ezenzeka ngayo, kanye nemiphumela yendlela yokufunda-nokufundisa kanye nezindlela ezintsha zocwaningo zobunjalo bolwazi nezinto eziyiqiniso nezikhona. Sizame ukuthola indlela yokubeka i-DUT njengenyuvesi yomphakathi wonkana. Sikhona ukuze abantu bakwazi ukusebenzisa amakhono abo ngabanye nanoma futhi besebenzisana nabanye, ukukwazi ukufika namacebo okwenza izinto ngcono kanye nokukwazi ukwenza kahle kwezamabhizinisi bakwazi ukuxazulula izinkinga ezintsha kanye nalezo umphakathi wonkana osubhekene nazo inqwaba yeminyaka. Lezi zisombululo kufanele kube ukuthi zibe negalelo ekwenzeni ngcono izimpilo zabantu kanye nendlela yabo yokuphila emphakathini yethu. Nge, "Innovative Research and Curricular" silindele ukuthi nibe yisibonelo se-DUT, "izitshudeni esezigogodile ezikwazi ukumelana noshintsho" ezizokwazi ukucabanga ngokusabalalisa umqondo kanye nekhono lokudala ukuze nibe umsuka woshintsho nokuthuthuka. Ngonyaka ka-2030 kuyobe kuyithi esihamba phambii ngezindlela ezintsha zokuthuthukisa umphakathi. Sinibona njengabalingani bethu kulomlando wohambo esiluqalayo.

Ukuthweswa kwenu iziqu kwenzeke ngesikhathi izwe libhekene nenqwaba yezingqinamba, izwekazi lase-Afrika kanye neNingizimu Afrika njengesizwe. Asilindele ukunibona nidabukisa okanye nikhungathwe ukuba khona kwalezi zinkinga ezingapheli. Njenge DUT, sesiwamukele umbono ka-Pascal Finnet othi abantu bawumsuka wayo yonke into eyenzakalayo kuzo zonke izikhungo zomphakathi. Lokhu kusho ukuthi ngabantu abayimbangela yezinkinga esizaziyo. Kuyefana nokuthi, siyazi ukuthi ngabantu abathile abayobamba iqhaza ngemibono eyoholela ezisombululweni ezohlala zikhona njalo. Esikhathini esingesingakanani esedlule, ngasho lokhu okulandelayo uma ngichaza ngoMbono wokuPhatha we-ENVISION2030:

> *Kumayelana nokuba ngumholi weqiniso nongayena ugombela kwesakhe kubantu nakho konke lokhu okudinga ukunakekelwa yithi. Kumayelana nokujula nokukholelwa kwethu kanye nobumsulwa bobuthina ekubambisaneni ekufuneni lokho okuwumgomo wokugcina, ongehliseki, ongasho nje ukuthi into engabambeki, lokho kuyosilondoloza size sifinyelele kokukhulu. Ngivumeleni ngisho ukuthi uBuholi buyinkombandlela bendawo yethu esiphokophelele kuyo neyokugcina yethu sonke yobukhulu.*

Njengomfundi wase-DUT othweswe iziqu, kufanele niphonse esivivaneni ezimpilweni zabantu bethu kanye nendlela abaziphilisa ngayo. Kukho konke enikwenzayo nenizokwenza ukuya phambili, sengathi ningakhombisa uLibofuzo lwe-DUT neNdlela-yeDUT. Sengathi ningaphila ngazo zonke izinto ezibalulelile neziyigugu nezimiso ze-DUT njengengxenye yempilo yenu. Ngaleyo ndlela, niyogqama niphinde nibonakale ukuthi ningabafundi abathweswe iziqu e-DUT abantu bonke abayofisa ukwazana nabo, mhlampe babaqashe okanye babe ngabalingani babo emisebenzini emikhulu yokuqhamuka nezinto ezintsha.

Sinifisela okuhle kodwa kulokhu enizokwenza kusasa. Yibani ushinstho enanikade nifisa ukuba yilo.

MESSAGE FROM THE PRESIDENT OF CONVOCATION

Mr Siyabonga Vezi

Class of 2020. Congratulations on your well-deserved success!

You should be extremely proud of your accomplishment. One's graduation is always a momentous occasion, but completing your studies and graduating during the midst of a world-wide pandemic is nothing short of extraordinary. You have made it through a very challenging time. Your indomitable spirit and a thirst for success has propelled you to work hard and see this through. Well done! These are the very skills that will hold you in good stead and give you the confidence to overcome hurdles and continue with the journey ahead.

ENVISION2030 speaks of producing adaptive graduates – developing graduates with the acumen to initiate and/or respond to change. The Class of 2020 epitomises that. You were faced with uncertain times but your resilience and fortitude endured and here you are, today, celebrating all the hard work that led to this victory. As you celebrate let us pay homage to those that have made sacrifices to ensure you fulfil your potential as a contributing member of society. Pay it forward as you, too, seek to *Improve Lives and Livelihoods.* To make a donation to DUT go to www.dutalumni.com and click on "Ways to Give". Select one of the three payment options. It is that easy.

Having being ranked among the top five Universities in South Africa, according to the Times Higher Education World Rankings, as DUT we are confident that we have produced graduates with a social conscience who will make an indelible mark on the world and who will certainly become members of a global community.

We hope that you have created fond memories of your time at DUT and we look forward to welcoming you back should you choose to continue with postgraduate studies. The Executive Committee of Convocation is proud to be part of one of your greatest achievements. We look forward to great things from the graduating Class of 2020. I humbly request that you make contact by continuously updating your details so that you maintain your lifelong link with DUT, your *Alma Mater.*

UMLAYEZO KAMENGAMELI WENHLANGANO YABAFUNDI ASEBETHWESWE IZIQU

Ukwethweswa kweziqu kwasebusika 2021

Bafundi bango-2020. Halala empumelelweni yenu enifanele!

Kufanele niziqhenye ngesenikuzuzile. Umcimbi wokwethweswa iziqu ungumcimbi uhlale ungomqoka kakhulu, kodwa-ke ukuqeda izifundo zenu niphinde nithweswe iziqu ngesikhathi izwe libhekene nobhubhane emhlabeni wonke lokho kuyisimanga esikhulu. Niphumelele kunzima. Umoya wokuphikelela kanye nokomela impumelelo kunenze nasebenza kanzima kwaze kwaba manje. Nisebenzile! Lawa ngamakhono ayonigcina aphinde aninike ukuzethemba okuyonenza nikwazi ukumelana nezingqinamba niphinde niqhubeke nohambo enibhekene nalo.

Uhlelo i-ENVISION2030 lukhuluma ngokukhiqiza izitshudeni ezikwazi ukumelana nezimo ezahlukene- ukuthuthukisa izitshudeni ngobuchule ukuze zikwazi ukuqala kanye/noma zikwazi ukuthi zenzenjani uma kufika ushintsho. Abafundi baka-2020 bayisibonelo esihle ngokweqile salokho. Benibhekene nesikhathi esinzima kodwa nibekezele ngenxa yamandla nesibindi, namhlanje nizobungaza ukusebenza ngokuzikhandla okuholele kulempumelelo. Nisabungaza, ningakhohlwa ilabo abadele konke ukuqinisekisa ukuthi ningalabantu eniyibona namhlanje abaneqhaza abalibambayo njengamalungu omphakathi. Khokha ngendlela yokuthi nawe uyafuna ukuthi *Izimpilo zabantu zibe ngcono kanye neNdlela abantu abaphila ngayo*. Uma ufuna ukuphonsa esivivaneni e-DUT ungangena ekhasini le-internet: www.dutalumni.com bese ucofa lakuthi, “iziNdlela zokuNikela.

Ukubekwa kanye namanyuvesi amahlanu aphezulu ohlwini eNingizimu Afrika, ngokwe-Times Higher Education Worlds Rankings, njenge-DUT siyazethemba ukuthi sikhiqize izitshudeni ezikwaziyo ukuphila nabantu eziyoyibeka induku ebandla, futhi ezizoba amalungu omphakathi omhlaba jikele.

Sithemba ukuthi nizenzele izinkumbulo ezithandekayo zesikhathi senu e-DUT kanti singakuthokozela ukubuya kwenu uma nikhetha ukuqhubeka nezifundo zenu. Ikomidi Elikhethekile leNhlangano yasebethweswe iziqu liyaziqhenya ngokuba yingxenye yenye yempumelelo yenu enkulu kangaka. Sibheke okuhle kodwa ezitshudenini zango-2020 ebezithweswa iziqu. Ngiyaninxusa ukuthi nixhumane nathi ngokuthi niqhubeke nokubuyekeza imininingwane yenu ukuze nigcine ubudlelwano benu ne-DUT njalo, inyuvesi yenu ebenifunda kuyo.

Khumbulani ukuhlala ngokuqhelelana, ukugeza izandla imizuzwana engama-20 bese-ke njalo nifaka isimfoyo uma niphumela phandle.

Niphephe. Nibusiseke.

COUNCIL MEMBERS

Mr N Z W Madinane	Chairperson of Council
Ms D Hlatshwayo	Vice-Chairperson of Council

EXTERNAL COUNCIL MEMBERS

Mr MF Gumede	Convocation
Mr M Shange	Convocation
Mr DP Makaya	Convocation
Mr S Vezi	Council Appointee
Mr Z Gumede	Council Appointee
Ms B Chiliza	Council Appointee
Prof L Molamu	Council Appointee
Ms B Ntombela	Council Appointee
Mr S Sibiya	Council Appointee
Mr B Singh	Council Appointee
Ms GG Twala	Council Appointee
Cllr. W Mapena	eThekwini Municipality
Dr N Makhanya	Minister of Higher Education
Ms D Hlatshwayo	Minister of Higher Education
Mr T Hlongwa	Minister of Higher Education
Ms B Masinga	Minister of Higher Education
Mr L Longwe	Minister of Higher Education
Mr LKT Mehta	ML Sultan Charitable and Education Trust

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Prof MN Sibiya	Deputy Vice-Chancellor: Teaching and Learning
Vacant	Deputy Vice-Chancellor: People and Operations
Mr P Moodley	Academic Staff
Mr M Estrice	Institutional Forum
Mr L Khumalo	Professional and Administrative Staff
Mr Z Ntuli	Student Representative Council
Mr N Ntshaba	Student Representative Council
Prof V Rawjee	Senate
Prof FG Netswera	Senate
Mr S Rampursad	Support and Service Staff

OFFICE BEARERS

Ms N Nyembezi	Chancellor	

EXECUTIVE AND SENIOR MANAGEMENT

Professor TZ Mthembu	Vice-Chancellor and Principal	PhD (Wits); MSc (Vanderbilt); BSc Hons (UFH)
Professor MN Sibiya	Deputy Vice-Chancellor: Teaching and Learning	D Tech (DUT); M Tech (TN); BCur Hons (UniZulu)
Vacant	Deputy Vice-Chancellor: People and Operations	
Professor S Moyo	Deputy Vice-Chancellor: Research, Innovation and Engagement	PhD (UND); M TEM (UniMelb); MSc (UND)
Dr TS Pillay	Registrar	D Tech (DUT); MPA (UDW)
Professor O Olugbara	Executive Dean: Accounting and Informatics	PhD (UniZulu); MSc (Unilorin)
Professor S Singh	Executive Dean: Applied Sciences	PhD (UDW)
Professor B Pearce (Interim)	Executive Dean: Arts and Design	PhD (UniLondon); MA (UN)
Professor B Twala	Executive Dean: Engineering and the Built Environment	PhD (OU); MSc (Southampton); BA (UNESWA)
Professor AHA Ross (Interim)	Executive Dean: Health Sciences	D Tech (DUT); M Tech (TN); PG Dip (SU); B Mus (UCT)
Professor FG Netswera	Executive Dean: Management Sciences	DPhil (SU); PGDip (Buckinghamshire Chilterns); NDP (TSA); BA Hons (UWC); BA (UniVEN)
Mrs NF Dhumazi	Chief Financial Officer	M Com (UP); PGDip (UniSA); B Com (UniVEN) CA (SA)
Dr QPT Mtshali	Chief Information Officer	PhD (NSU); BSc (SUNY)
Mr S Nyangintsimbi	Chief Risk Officer	MPhil (UP); MBL (UniSA); B Com (WSU)
Dr JM Molete	Director: Midlands Campuses	PhD (PSU); MBA (UCT); MSc (HU); BSc Hons (Wits)
Dr D Mohale	Director: Special Projects	DLitt et Phil (UniSA); MM (Wits); BA (CUT)
Dr VL Mthethwa	Senior Director: Human Resources	PhD (UKZN)

HEADS OF DEPARTMENTS

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

Architecture (Interim)	Mr L S du Plessis	MArch (UKZN); SAIA; Pr Arch
Chemical Engineering (Interim)	Professor SLK Kiambi	PhD (LAPLACEU); B Hons (MU)
Civil Engineering and Geomatics (Interim)	Mr G M Hoosen	MTech (MLST)
Civil Engineering, Pietermaritzburg (Interim)	Dr J Ikotun	PhD (WU); MSc (UDundee); BEng (FUTMINNA)
Construction Management and Quantity Surveying	Dr A O Aiyetan	MTech (CM); Pr CPM; Pr CM
Electrical Power Engineering	Prof I E Davidson	PhD (UCT); MEng (Unilorin); BEng Hons (UKZN); Pr Eng.; SEMAC (BCIT, Canada); FIET; FSAIEE; SMIEEE; MNSE; MCIGRE; MBCSEA; MWCGCE
Electronic and Computer Engineering	Dr S Reddy	PhD (UCT); M Eng (UP); BSc Eng (UND); SMSAIEE, MIEEE
Industrial Engineering	Dr O A Olanrewaju	DTech (TUT); MSc (Unilbadan)
Mechanical Engineering	Dr F M Mwangi	DTech (DUT); MTech (DUT) Pr Eng; CPA (K); MSAIMechE
Town and Regional Planning	Dr G M Lincoln	PhD (DUT); MTRP (UND)

Faculty of Engineering and the Built Environment

Degree of Doctor of ENGINEERING

ARMAH Edward Kwaku
(Full Research)

Title of Thesis

Anaerobic co-digestion of agricultural biomass with industrial wastewater for Biogas production

Summary

With the increasing demand for clean and affordable energy which is environmentally friendly, the use of renewable energy sources is a way for future energy generation. South Africa, like most countries in the world are over-dependent on the use of fossil fuels, prompting most current researchers to seek an affordable and reliable source of energy which is also, a focal point of the United Nations Sustainable Development Goal 7. In past decades, the process of anaerobic digestion (AD) also referred to as monodigestion, has proven to be efficient with positive environmental benefits for biogas production for the purpose of generating electricity, combined heat and power. However, due to regional shortages, process instability and lower biogas yield, the concept of anaerobic co-digestion (AcoD) emerged to account for these drawbacks. Given the considerable impact that industrial wastewater (WW) could provide nutrients in anaerobic bio digesters, the results of this study could apprise decision-makers and the government to further implement biogas installations as an alternative energy source. The study aims at optimizing the biogas production through AcoD of the agricultural biomasses: sugarcane bagasse (SCB) and corn silage (CS) with industrial WW sourced from Durban, KwaZulu-Natal, South Africa. The study commenced with the characterisation of the biomasses under this study with proximate and ultimate analysis using the Fourier transform infrared spectroscopy (FTIR), the thermo gravimetric analysis (TGA), the scanning electron microscopy (SEM) and the differential scanning calorimetry (DSC). The untreated biomass was subjected to biochemical methane potential (BMP) tests to optimize and predict the biogas potential for the selected biomass. A preliminary run was carried out with the agricultural biomass to determine which of the WW streams would yield the most biogas. Among the four WW streams sourced at this stage, two WW streams; sugar WW (SWW) and dairy WW (DWW) produced the highest volume of biogas in the increasing order; SWW > DWW > brewery WW > municipal WW. Therefore, both SWW and DWW were selected for further process optimization with each biomass. Using the response surface methodology (RSM), the factors considered were temperature (25-55 °C) and organic loading rate (0.5-1.5 gVS/100mL); and the response was the biogas yield (m^3/kgVS). Maximum biogas yield and methane (CH_4) content were found to be 5.0 m^3/kgVS and 79%, respectively, for the AcoD of CS with SWW. This established the association that existed among the set temperatures of the digestion process and the corresponding organic loading rate (OLR) of the AcoD process operating in batch mode. Both CS and SCB have been classified as lignocellulosic and thus, ionic liquid (IL) pretreatment was adapted in this study to ascertain their potential on the biogas yield. Results showed that the maximum biogas yield and CH_4 content were found to be 3.9 m^3/kgVS and 87%, respectively, after IL pretreatment using 1-ethyl-3-methylimidazolium acetate ([Emim][OAc]) for CS with DWW at 55°C and 1.0 gVS/100mL. The IL pretreatment yielded lower biogas but of higher purity of CH_4 than the untreated biomass. Data obtained from the BMP tests for the untreated and pretreated biomasses were tested with the existing kinetic models; first order, dual pooled first order, Chen and Hashimoto and the modified Gompertz. The results showed that for both untreated and pretreated biomass, the modified Gompertz had the best fit amongst the four models tested with coefficient of correlation, R^2 values of 0.997 and 0.979, respectively. Comparatively, the modified Gompertz model could be the preferred model for the study of industrial WW when used as co-substrate during AcoD for biogas production. The study showed that higher biogas production and CH_4 contents were observed when CS was employed as a reliable feedstock with maximum volume of the untreated and pretreated feedstock reported at 31 L and 20 L respectively.

Supervisor Dr M Chetty
Co-supervisor Prof N Deenadayalu

BURAIMOH Elutunji
(Full Research)

Title of Thesis
Modelling and fault ride-through control of grid supporting inverter-based microgrid

Summary
Microgrids are a critical part of Smart Grid infrastructure due to the rapid increase in grid integration of intermittent RE sources using power electronics, to meet customer demand for electricity, rural electrification and mitigate load shedding. Microgrids are required under emerging national grid codes to provide ancillary services such as fault ride-through (FRT), voltage/frequency support, protection and stability. The candidate developed discrete-time models of a grid supporting, grid-feeding and grid-forming system with primary and secondary controls using interacting droops for DER parallel operation and power-sharing, and proposed an effective FRT secondary control strategy within a hierarchical control structure to coordinate power injection during balanced and unbalanced fault conditions. A novel technique is used in the secondary control to realize FRT, dynamic voltage support and active power curtailment using a delay signal cancellation (DSC) algorithm for sequence detection, and implemented to detect fault instances in 1.6% of its first half-cycle.

Supervisor Prof IE Davidson

GUMEDE Makhosonke
(Full Research)

Title of Thesis
The extraction of power and fresh water from the ocean off the coast KZN utilizing Ocean thermal energy conversion techniques

Summary
There is a rapidly developing problem in South Africa concerning its ability to supply sufficient power and water to cover the country's ever increasing needs. This is being exacerbated by rapid expansion of local manufacturing industries, and by the broader program to supply domestic electricity to the entire population. The research proposes a novel design of a Thermal Energy Plant (OTEC), for supplying fresh water and power in the South Coast region of KwaZulu-Natal. The selected area to place the plant in Port Edward. Port Edward lies just beneath the tropic of cancer and on the shore of the Indian Ocean thus two important elements needed for OTEC namely constant sunlight and large coastal areas can easily be found in this region. More importantly, the steep drop in water depth down to 3000 meters makes this an ideal research site for ocean thermal energy conversion in KwaZulu-Natal.

Supervisor Prof P Naidoo

KOSGEY Eric Kiprotich
(Full Research)

Title of Thesis
Comparative study of anammox-mediated nitrogen removal in three reactor configurations

Summary
Anaerobic ammonium oxidation (ANAMMOX) is an efficient and cost-effective process developed for biological nitrogen removal from wastewater. However, its application remains constrained due to the slow growth of ANAMMOX bacteria and its sensitivity to environmental and operational conditions. The study focused on the impact of mixing conditions on nitrogen removal and bacterial population dynamics in ANAMMOX-mediated hybrid up-flow anaerobic sludge blanket reactor (H-UASB), moving bed biofilm reactor (MBBR) and a gas-lift reactor (GLR) over 535-day period. MBBR displayed the highest nitrogen removal efficiency, followed by H-UASB, and then the GLR. In addition, MBBR contained the highest relative abundance of nitrifying bacteria and the least abundance of the ANAMMOX bacteria, while H-UASB contained the highest relative abundance of ANAMMOX bacteria and the least abundance of the nitrifying bacteria. These results indicate that better-mixed conditions in the MBBR favoured nitrifying bacterial growth, while plug-flow conditions in the H-UASB favoured ANAMMOX bacterial growth, in agreement with the modelling results based on modified activated sludge model number 1.

Supervisor Prof SKK Pillai
Co-Supervisors Prof F Bux
Prof SL Kiambi

MUKUBWA Emmanuel Wanyama
(Full Research)

Title of Thesis
Random numerical linear precoding and channel estimation in massive MIMO systems

Summary
The channel precoder was formulated and adapted using the iterative linear Rapid Numerical Algorithm (RNA). This model was then extended to include coordination among multicell massive Multiple-Input Multiple-Output (MIMO) systems with receive combining computational complexity and efficiency evaluation. The RNA model was further used to formulate improved linear and semi-blind channel estimators for massive MIMO systems in combination with the Fast Data Projection Method (FDPM). The semi-blind channel estimator was combined with a compressed data channel estimator then extended based on Givens transformations and the Data Projection Method (DPM) for a massive MIMO, a partially centralised MIMO and a Cloud Radio Access Network (C-RAN). Then, the estimation of the signal-to-interference-to-noise ratio, bit error rates, spectral efficiency, energy efficiency and normalised mean square error for the respective modelled components was realized. The models above were simulated using MATLAB for the analysis and validation. The TDD downlink massive MIMO system was considered with varying immediate channel state information qualities for the single-cell and multicell systems. For single-cell systems, there was optimal performance with regard to the signal-to-interference-to-noise ratio and the bit error rate when RNA was used to implement the matrix inversion process in comparison to existing methods. It also rendered the precoding process highly parallelizable further reducing the complexity. For the multicell massive MIMO, it was found that the performance of rapid numerical algorithm implementation gave good spectral and energy efficiency performance in comparison to existing methods while lowering the complexity further through parallelization. The compressed data channel estimator gave a comparable performance for the spectral efficiency and normalized mean square error when compared to the improved linear channel estimators. The semi-blind channel estimators for both massive and partially centralised MIMO and C-RAN outperformed the linear channel estimators as well as the compressed data channel estimator.

These results demonstrate that a rapid numerical algorithm can effectively eliminate the intricate matrix inversion associated with linear precoding while rendering itself to efficient parallelization. It also shows that the compressed data channel estimator optimally estimates the channel covariance matrix while reducing the amount of channel state information transmitted in the estimation process. The semi-blind channel estimators have the optimal performance with regard to the normalised mean square error. It was also illustrated that the Givens transformation based semi-blind estimator outperforms the FDPM based semi-blind channel estimator.

Supervisor Dr O A Sokoya

MUSAMALI Ronald Wafula
(Full Research)

Title of Thesis
Non-oxidative conversion of methane into carbon and petrochemicals over Fe, W&Mo Catalyst systems supported on activated carbon and HZSDM-5

Summary
Various catalyst systems were synthesized and evaluated in the non-oxidative conversion of methane. Metal synergy, effect of process conditions and the type of catalyst preparation methods were investigated. Increasing iron (Fe) and Tungsten (W) content in Fe-W-Mo/ZSM-5 system resulted in a significant increase in methane conversion and a decrease in C_2 and aromatic hydrocarbons. While M_2C on HZSM-5 proved to be the most active site for the activation of the C-H bond in methane molecules, it showed no significant activities on the decomposition of CH_3 radicals. Activated carbon support showed better methane conversion compared to HZSM-5 support, the latter resulted in a wider product distribution. Both the HZSM-5 properties and its reaction with Mo^{6+} were contributory to the production of C_2 intermediates. For the first time, the development of a catalyst system for quantitative control of non-oxidative methane conversion and product distribution using Fe, W, and Mo catalyst systems loaded on AC/HZSM-5 has been reported. Findings from the work have confirmed sustainable technologies for environmentally friendly methane conversion are realistic. This could be key to friendly transformation of the hydrocarbon reserves in the Karoo region of South Africa.

Supervisor Prof YM Isa

MUSTAPHA Sheriff Ishola
(Full Research)

Title of Thesis
Thermal conversion of algal biomass and its derivatives to fuels and petrochemicals

Summary
Producing biofuel as a function of microalgae growth conditions was investigated. In addition to altering algal composition, growth conditions affected the pyrolytic bio-oil yields at different temperatures. Among the series of catalysts developed and investigated, Co/Fe_3O_4-HZSM-5 showed better activity in enhancing the bio-oil quality and yield. Bio-oil with high heating value of 40.78 MJ/kg was successfully produced. These findings resulted in a predictive tool for determining pyrolytic bio-oil yields. It was also found that Zr/HZSM-5 significantly improved product quality during algal hydrothermal liquefaction. While it was observed that reaction pressure had minimal impact on hydrothermal gasification (HTG) of *Scenedesmus obliquus* microalgae, biomass composition and concentration played a critical role in the product distribution. Controlling appropriate reaction conditions resulted in more than 53 mole% of methane and a hydrogen yield of yield of 75.44 mmol/g in separate experiments. While exploring Lean production it was found that the ranking order for the yield and lower heating value of the product gas from the HTG process was lipid > whole algae > LEA. The findings of this work are a stride towards national and global bioeconomies.

Supervisor Prof YM Isa
Co-Supervisor Prof F Bux

Degree of Doctor of Philosophy in the Built Environment

HARIPERSAD Rajesh
(Full Research)

Title of Thesis
An assessment of the impact of selected construction materials on the life cycle energy and thermal comfort in building

Summary
South Africa is a developing country with various construction projects being undertaken by both government and the private sector. The requirements for the construction of energy-efficient buildings as well as the selection methods for providing construction materials have hence become important. Energy efficiency improvements needs to be implemented in the construction of these buildings in order to decrease energy usage and costs and provide more comfortable conditions for its occupants. Previous studies revealed that most of the focus for improving energy efficiency in buildings has been on their operational emissions. It is estimated that about 30% of all energy consumed throughout the lifetime of a building is utilized as embodied energy (this percentage varies based on factors such as age of building, climate and materials). In the past this percentage was much lower, but with increased emphasis placed on reducing operational emissions (such as energy efficiency improvements in heating and cooling systems), the embodied energy contribution has become more significant. Hence, it is important to employ a life-cycle carbon framework in analysing the carbon emissions in buildings.

The study aims to augment energy efficiency initiatives by showcasing energy reduction strategies for buildings. The study assessed the thermal performance of selected construction materials by analysing different buildings using energy modelling program, EnergyPlus and TRNSYS. The parametric study was set in the central plateau region of South Africa and was performed to determine appropriate energy efficiency improvements that can be implemented for maximum savings. A life cycle cost analysis was performed on the selected improvements. The models created are representative of the actual buildings when simulated data is compared to recorded data from these buildings. Results showed a significant variation in energy and construction costs with varying construction materials over the buildings' life cycle. Findings suggest that there is a significant reduction in energy usage when simple efficiency measures are implemented. The study recommends the use of different energy efficient building materials and the implementation of passive interventions in the constructing of buildings; the thermal performance of a building be optimized to ensure thermal comfort and the developed model be adopted for use in the engineering and construction industry for the reduction of energy consumption.

Supervisor Prof IJ Lazarus
Co-Supervisors Dr AO Aiyetan
Dr R Singh

Degree of Master of the BUILT ENVIRONMENT

KITCHING Joseph
(Full Research)

Title of Dissertation
Geographic information systems (GIS) as a vessel for the conventional and alternative forms of Zoning

Supervisor Dr G Musvoto
MLOTSHWA Ntobeko Fakazi
(Full Research)

Title of Dissertation
Exploring participatory planning practices for informal street traders in small towns. The case of Ladysmith CBD informal street traders

Supervisor Dr K Erwin
Co-Supervisor Dr G Musvoto

SHAIK AHROON ALLY Nadia
(Full Research)

Title of Dissertation
Integrating planning and environmental legislation within Municipal Planning in South Africa: a case study in Durban, eThekwini Metropolitan Municipality.

Supervisor Dr G Musvoto

Degree of Master of ENGINEERING

AKPASI Stephen Okiemute
(Full Research)

Title of Dissertation
Evaluation of kaolinite and activated carbon performance for CO_2capture

Supervisor Prof YM Isa

ANEKWE Ifeanyi Michael
(Full Research)

Title of Dissertation
Bioremediation of acid mine drainage and crude oil contaminated soils

Supervisor Prof YM Isa

ASANTE-SACKEY Dennis *CUM LAUDE*
(Full Research)

Title of Dissertation
Optimization of donnan dialysis for alum recovery from potable water treatment residue

Supervisor Prof S Rathilal
Co-Supervisor Prof VL Pillay

BUTHELEZI Nokulunga Priscilla
(Full Research)

Title of Dissertation
The effect of heavy metal composition on the performance of sugarcane bagasse as an adsorbent in water treatment

Supervisor Prof YM Isa

CHETTY Dhanpal
(Full Research)

Title of Dissertation
Application of optimal control for power systems considering renewable energy technologies

Supervisor Dr G Sharma
Co Supervisor Prof IE Davidson

ESTRICE Milton Solomon
(Full Research)

Title of Dissertation
Design of control strategies for frequency regulation of PV-Thermal interconnected power system

Supervisor Dr G Sharma
Co-Supervisor Mr KT Akindeji

HAIKELA Endifenge Teeleleni
(Full Research)

Title of Dissertation
Conversion of biomass-derived oils over promoted ZSM-5 based catalysts

Supervisor Prof YM Isa

HARRIPERSADTH Charlene *CUM LAUDE*
(Full Research)

Title of Dissertation
Evaluating the performance of an Eggshell-Bagasse Biosorption system in removing Lead and Cadmium from Aqueous Solutions

Supervisor Prof P Musonge
Co-Supervisor Prof YM Isa

JAJBHAY Hoosen Ahmed
(Full Research)

Title of Dissertation
Influence of coarse aggregate on the shear strength of reinforced concrete beams

Supervisor Prof D Allopi

JOSHI Milankumar Bharatbhai
(Full Research)

Title of Dissertation
Load frequency control of a hydro dominating interconnected power system

Supervisor Dr G Sharma
Co-Supervisor Prof IE Davidson

JWARA Thandeka Yvonne Sthembile *CUM LAUDE*
(Full Research)

Title of Dissertation
Chemical Oxygen demand (COD) fractionation for process modelling considerations and optimization

Supervisor Prof P Musonge
Co-Supervisor Prof BF Bakare

KANYINDA Kabuya
(Full Research)

Title of Dissertation
Application of DMAIC to improve energy use in commercial building

Supervisor Prof IJ Lazarus
Co-Supervisor Dr OA Olanrewaju

LEHOLO Sempe Thom
(Full Research)

Title of Dissertation
Modelling and optimization of hybrid micro-grid system for LTE base station

Supervisor Prof PA Owolawi
Co-Supervisor Mr KT Akindeji

MACHIVHA Rofhiwa Tevin
(Full Research)

Title of Dissertation
Analysing South Africa's automotive energy consumption: Application of index decomposition analysis

Supervisor Dr OA Olanrewaju

*MADIKIZELA Mbaliyezwe Precious *CUM LAUDE*
(Full Research)

Title of Dissertation
Effect of operating conditions on the hydrothermal valorization of sewage sludge

Supervisor Prof YM Isa

MALANDA Sindisiwe Cindy
(Full Research)

Title of Dissertation
Transient fault analysis of a VSC-Based-Unit Multi-Terminal HVDC scheme

Supervisor Prof IE Davidson
Co-Supervisor Dr G Adam

MASIKANA Sboniso Brutus
(Full Research)

Title of Dissertation
Voltage stability in distribution network

Supervisor Dr G Sharma
Co-Supervisor Mr KT Akindeji

MOSO Matshidiso
(Full Research)

Title of Dissertation
An application of lean techniques to accelerate the implementation of kaizen in film packing industry

Supervisor Dr OA Olanrewaju
Co-Supervisor Mr M Dewa

MTUKUSHE Namhla Faith
(Full Research)

Title of Dissertation
The analytical study on the establishment of a Tidal Power Plant in South Africa

Supervisor Dr EE Ojo

NDABA Iren Sindi *CUM LAUDE*
(Full Research)

Title of Dissertation
A technical and financial analysis of smart prepaid split meter on Eskom Electric Distribution network

Supervisor Prof IE Davidson

PHOSWA Velaphi Absolom
(Full Research)

Title of Dissertation
The investigation of the effect of atmospheric conditions on the temperature drop across heat treatment systems

Supervisor Prof PY Tabakov
Co-Supervisor Mr GA Thurbon

*** Dean's Merit Award for Academic Excellence**

PILLAY Justin
(Full Research)

Title of Dissertation
Stress and stability analysis of steel piping systems in the petroleum industry

Supervisor Prof PY Tabakov

RAMSUNDER Keshav
(Full Research)

Title of Dissertation
The application of lean principles to mitigate greenhouse gas emissions in an Automotive Industry

Supervisor Dr OA Olanrewaju

REDDY Rodney *CUM LAUDE*
(Full Research)

Title of Dissertation
Network optimization with high penetration of roof-top solar-PV

Supervisor Prof IE Davidson

SARJOO Arvin Ramsunder
(Full Research)

Title of Dissertation
The development of road safety assessment screening procedures for the City of Tshwane Metropolitan Municipality

Supervisor Prof D Allopi
SEWNARAIN Shikhar
(Full Research)

Title of Dissertation
Harnessing tidal energy for electrical power generation in South Africa

Supervisor Dr C Onunka
Co-Supervisor Mr KT Akindeji

BACHELOR OF ENGINEERING TECHNOLOGY Honours in CHEMICAL ENGINEERING

NAIDOO Caleb Craig
QWABE Lindelwa Nokwanda
*SHEIK MAHUMOOD Shaaheen *CUM LAUDE*

Degree of Bachelor of the Built Environment Honours in URBAN AND REGIONAL PLANNING

AGYAPONG Abigail Nontobeko
CHETTY Keolan
DAYIMANI Azola
GOVENDER Kaylan
JUGUTH Chiraag
LAWRENCE Kiara
MSWELI Lungelo
PONNUSAMY Nadine
PUNGULA Senzeka Seneziwe

Degree of Bachelor of the Built Environment in ARCHITECTURE

BAMBER Matthew Liam
BIKHAY Shwetha
CHETTY Liam Reece
DHLAMINI Farai Nokuthaba
GOVENDER Shaylin
HARMSE Aidan James
MANSOOR Zubair
MANYEMA Lumame Benjamin
MASOSO Xabiso
NAGASAR Anujj
NGIDI Zamangidi Phumla
NGUBO Thobeka
NTSELE Sihle
PADAYACHEE Jeremy
PERSAD Meshar
PHUNGULA Nontuthuko Samukelisiwe
PILLAY Jared David
PILLAY Kyle
ROSHENLALL Shivaar
SANGWENI Londiwe Promise
TSHINKUNKU Kamwanya Rachel
YACOB Mohammed Yaseen

Degree of Bachelor of the Built Environment in CONSTRUCTION STUDIES

CHAPI Noluthando
GININDA Ndumiso Mthobisi
GUMEDE Minenhle
GWALA Lwazi
HLOPHE Londiwe S'Bonakalisiwe

*** Dean's Merit Award for Academic Excellence**

MABIZELA	Mbongeleni	
MEYIWA	Nomfundo Prudence	
MNGOMEZULU	Fezile Nkosingiphile	
NGWENDU	Zusiphe	
NTOBELA	Ayanda	

Degree of Bachelor of the Built Environment in GEOMATICS

MAKALENG	Mpho	
MHLONGO	Khululiwe Nokubonga	
MKHWANAZI	Thabani Mduduzi	
MTHIYANE	Njabulo Marc	

Degree of Bachelor of the Built Environment in URBAN AND REGIONAL PLANNING

DUMA	Nandi Nompilo	
HLANGU	S'Thabile Mpilo	
KHUMALO	Ntuthuko Siphesihle	
MADINANE	Sindisiwe	
MAJOLA	Zizipho	
MKHONZA	Mpumelelo Ntokozo	
MSOMI	Nomalungelo	
MTHEMBU	Nkawyiso Walter	
NARAINSAMY	Nathaniel Bryce	
NDLOVU	Ntombenhle Brightness	
NDLOVU	Vuyo Sphephelo	
NENE	Sthembiso Njabulo	
PILLAY	Therona	
RAMDHAL	Sudesh	
SEWPERSADH	Alisha	
*SINGH	Shavonne Kyra	*CUM LAUDE*

Degree of Bachelor of Engineering Technology in CHEMICAL ENGINEERING

*CHETTY	Christopher	*CUM LAUDE*
DUMA	Xolani Lindokuhle Mcdonald	
KRAAI	Sinovuyo Cebo Amahle	
LETSOANO	Nkosinathi	
MABUZA	Phila Pratrizio	
MAHLABA	Manqoba Fortune	
MATHEBULA	Akani Angel	
MBATHA	Nsikelelo Yoliswa	
MOHANLALL	Terisha	
MOMOZA	Ongezwa	
MOODLEY	Nikita Kaylene	
NADESAN	Pierre Brent	
NAIDOO	Craig Alistair	
NAIDOO	Katlyn Nicolene	
NATHANIEL	Japheth Samuel	
NGWENYA	Nontando Yenziwe	
NXUMALO	Veronica Merinda	
PILLAY	Travina	
PILLAY	Trishani	
RAMAVATHER	Kavir	
SAYED ISMAIL	Mohammed Ebrahim	
TSHIFHANGO	Thakhani	
VENCATASU	Rowan Joseph	
XABA	Ayanda	
YASIN	Mohammed Wajaahath	
YENGWA	Yamkela	

Degree of Bachelor of Engineering Technology in CIVIL ENGINEERING

ALI	Muhammad Luqmaan	
BABOOLAL	Yashiv	*CUM LAUDE*
BACUS	Muhammad Nawaaz	
BIKITSHA	Sinalo	
GAMBUSHE	Lungelo Ndumiso	
GORDON	Nicholas Gabriel	
GOVINDER	Hashlen	
KHALICK	Fayaaz	
*KUNSRAJ	Akshay	*CUM LAUDE*
MAHLOBO	Nhlanhla Fortune	
MANQELE	Thulile Vuyolwethu	
MATHENJWA	Nkosinomusa Nduduzo	
MBONGWE	Bongumusa Prosper	
MNYOSI	Mhleli Welcome	
MOODLEY	Yeshodhan	
MPULO	Nosipho	
MSOMI	Lindani	
MSWELI	Sphamandla Scelo	
MTHEMBU	Ntuthuko Siyanda Blessing	
MTHEMBU	Phumlani Reginald	
MTSITSA	Tobile	
NAICKER	Nathaniel Shiven	
NDUNAKAZI	Nontobeko Felicia	
NDWANDWE	Siyathokoza Loyiso	
NKOSI	Zethembiso Luciano	
NTULI	Qiniso Vusi	
NZIMANDE	Sinethemba Freedom	
NZUKE	Nkosinathi	
PILLAY	Jefferson Javid	
PILLAY	Shalin	
RAJA	Mekash	
RAMDIN	Shayur	
RAMGHULAM	Jithesh	
SINGH	Neshay	
VAN WYK	Joshua James	
WAKHABA	Wandile	
ZITHA	Hlobisile	

Degree of Bachelor of Engineering Technology in ELECTRONIC ENGINEERING

BHANA	Pranav
BHENGU	Nkosinathi
FRANCIS	Brady Michael
HOOPDEO	Jared
JOBANPUTRA	Meet Umesh
KORKIE	Randal Stanton
MYENI	Andile Clive
SIMJEE	Ebrahim Ahmed
THAKERSEE	Rahul Bhupendra
ZONDI	Mfanelo

Degree of Bachelor of Engineering Technology in INDUSTRIAL ENGINEERING

DLAMINI	Nokwanda Silindile
JUGLAL	Dhiya
KHANYE	Sandile Goodman
KHARIVHE	Khathutshelo Doctor
KUMKARAN	Suvel

*** Dean's Merit Award for Academic Excellence**

MELLEM	Cole Christian	
MOREIRA	Austin Micheal	*CUM LAUDE*
MPUNGOSE	Mduduzi	
*NAIR	Thalia	*CUM LAUDE*
NKONTWANA	Sakhile	
PREM	Ashveer	
REDDY	Letalia	
SUCHERAN	Saijal	

Degree of Bachelor of Engineering Technology in MECHANICAL ENGINEERING

DANISA	Sizo Ntokozo	
*DUBE	Siyabonga Richman	*CUM LAUDE*
GOSPODNETIC	Tiziano	*CUM LAUDE*
GUNGALA	Prashant	
SINGH	Mikyle Shaun	
ZIQUBU	Kwanele	

Degree of Bachelor of Engineering Technology in POWER ENGINEERING

CHETTY	Shane
DAVIDSON	Sihle Alexander
GOVENDER	Thashen
MADIDE	Muzi Smangaliso
MAQABANE	Sesam
MOKOENA	Londiwe
MWANA NGOY	Mujinga
MZIZI	Nkosingiphile Bright Mthembeni
NDHLOVU	Denzel Tofara Tamsaqa
RADEBE	Sibongiseni
REDDY	Kailan
REDDY	Nicole Adrian
SIKHAKHANE	Mlungiseni Freedom
SKHOSANA	Siphumelele Lungelo

Degree of Bachelor of Technology in ARCHITECTURAL TECHNOLOGY

DEKKER	Oliver	
DESAI	Muhammad Yusuf	
DUDHRAJ	Aveeth	
DUMAKUDE	Xola Clement	
EBRAHIM	Muhammed Siddeeq	
GAMEDE	Luthando	
GOVENDER	Tristan	
GUMEDE	Themba Nothando Thobile	
HLATSHWAYO	Nomfundo Buhle	
HOOSEN	Muhammad	
JILI	Msizi Osward	
JUGMOHAN	Nedine	*CUM LAUDE*
KAMALNARAIN	Alisha	
*KISTASAMY	Kayleigh	*CUM LAUDE*
LEMBETHE	Mlungisi	
LOCKHAT	Ismail Ebrahim	*CUM LAUDE*
MAHARAJ	Alshen	
MAHARAJ	Kanchan	
MALEKA	Motlotleng Kwaile	
MAVUNDLA	Njabulo Nhlanhla	
MNYANDU	Bongeka	
MOTHILALL	Vishal	
MPOFANA	Mziwamadoda Victor	
MSWELI	Senzo Sebastian	
NDLOVU	Silindile Favourite	
NDLOVU	Siphiwo Sihle	
NGCOBO	Ronald Samuel Siphelele	
NYAWO	Phumuzile Lungile	
RAHEEM	Isa	*CUM LAUDE*
SAYED	Mohamed Shoib	
SENNO	Bongani	
SETUMONYANE	Nthati Nthabiseng	
SIMELANE	Nduduzo Minenhle	
SINGH	Adhikaar	
SOKHELA	Lethukuthula Nkazimulo	
THUSI	Siphiwokuhle Nontobeko	
VAN ZYL	Liam-Tate	
WATKINS	Dane Christopher	
ZWIEGELAAR	Schalk Joubert	

Degree of Bachelor of Technology in CONSTRUCTION MANAGEMENT

BIYELA	Nombulelo Cynthia
BIYELA	Nothando Victorious Smangele
CEBEKHULU	Percevearence Nomcebo
CELE	Menzi Clive
CHILIZA	Nomthandazo
DE WAAL	Luc
DLAMINI	Khanyisile Nondumiso
DLAMINI	Ngcebo
DLUDLA	Nqubeko Fanelesibonge
GANYILE	Phindile
GCITO	Joyce Ayanda
GINA	Thabani Samson
GWALA	Luyanda Thubelihle
GXARA	Zodwa
HLELA	Lindokuhle Mzuvele
HLENGWA	Mlungisi Godfrey
MADLALA	Sindisiwe Sarah
MADLALA	Sisekelo Ntandoyenkosi
MAHOMED	Zakariya Imraan
MAJANGAZA	Malibongwe
MAKALA	Mawande
MALINGA	Lungelo Priviledge
MASUKU	Thandeka Sithembile
MBANJWA	Phumlani
MBENSE	Asande Minenhle Siyabonga
MDUDI	Bongekile Vuziwe
MDUNYELWA	Ayanda
MDUTYANA	Ziyanda
MFONO	Khanya Sibonise
MHLONGO	Mfanafuthi Sakhile
MNGQIBISA	Nomfezeko
MQADI	Zinhle Happiness
MTHIYANE	Hubelani Bongumenzi
MTSHULANA	Siphumzile Lancelote
NDAMASE	Mzikantu Zanelizwi
NDLOVU	Nelisiwe Sylvia
NDUKU	Neliswa
NGEMA	Winile Sibusisiwe
NGUBANE	Ayanda
NGWENYA	Bonisiwe Lungile
NHLABATHI	Sduduzo Luthando Sinakhokonke
NQOKO	Thulile
NTANDA	Silindile Samukelisiwe

*** Dean's Merit Award for Academic Excellence**

NXUMALO	Thenjiwe	
NYUBUSE	Sandile	
NZAMA	Zamanzama	
SHANDU	Mlungisi Professor	
SHEZI	Emmaculate Sinqobile	
SHEZI	Nobuhle Annatoria	
SHONGWE	Armstrong Jabulani	
SITHOLE	Ndalwenhle	
SITHOLE	Zesuliwizinyembezi Bongeka	
SMITH	Sanele Good-Enough	
TETYANA	Nombedesho Nasiphi Spesihle	
TSHAYINGWE	Yongama	
TSOANANYANA	Moleboheng Benedictor	
TYIDA	Siviwe	
XABA	Mlungisi Emmanuel	
ZUNGU	Lungelo	

Degree of Bachelor of Technology in ENGINEERING: CHEMICAL

ACKLOO	Shiara	
BASDEW	Nikita	
BHENGU	Bheka	
CHIGOMBO	Nomcebo Prudence	
DANISA	Melusi	
DLAMINI	Mzwandile Raymond	
FRANCIS	Ryan	
GAMA	Bhekithemba Innocent	
GIDA	Msawenkosi Wiseman	
GOPICHUND	Shanice	*CUM LAUDE*
GOVENDER	Preston	*CUM LAUDE*
*GOVENDER	Veroshini	*CUM LAUDE*
HLALATU	Patience Precious Nokuthula	
ISHWARLALL	Sashaleen	
JILI	Siphelele Prince	
KHAN	Ummeh Rumaan	
KHUMALO	Sanele	
KOSTER	Candace Roxane	
KUBHEKA	Prettygirl Nontobeko	
MABASO	Siyabonga	
MADONSELA	Samkelisiwe	
MAHMOOD	Zeean	
MANTSHONGANE	Lwanele	
MBELU	Nonkazimulo	
MBENGWA	Mboneni Charity	
MBUYISA	Nomusa Alice	
MFEKA	Ntandoyenkosi Pearl Thobile	
MHLANGU	Stembile Nkosingphile	
MHLONGO	Nosihle Hycynthia	
MLAMBO	Bongani Cedrick	
MNYANDU	Matapelo Mbali	
MOODLEY	Melisha	
MOODLEY	Selisha	
MOONSAMY	Jyothi	
MPONDO	Ntlahla	
MTHIYANE	Thobile	
MUNSAMY	Aveshni	
MYEZA	Ndumiso Siphamandla	
NAIDOO	Darona	
NAIDOO	Seshlin Lee	
NAIDOO	Taleah Tiara	*CUM LAUDE*
NDLOVU	Ayanda Nomfundo	
NGCOBO	Rejoice Nontsikelelo	
NGOMANE	Londiwe Zikhona	
NGUBANE	Sanelisiwe Benedictor	
NGWAZI	Nomasonto Prudence	
NYANDENI	Thabani	
PADAYACHEE	Kavendran	
PILLAY	Ashlyn	
PILLAY	Craig Anthony	
PILLAY	Logan Jason	
PILLAY	Tamara Mcquell	
RAJOO	Daryl Mason	
RAMRACKAN	Daksha	
RAMRAJ	Tarina	
RAMUKHITHI	Thuso Mashudu	
ROBERTSON	Melandri Chant'E	
SHANGE	Nduduzo Blessing	
SHEIK	Zia-Ul-Mustapha	
SIJADU	Nombeko Graceful	
SIKHAKHANE	Nhlakanipho Brian	
SIMJEE	Aaliyah	
WALTERS	Elichia Mellisa	
ZONDI	Nomathamsanqa	
ZUMA	Siyabonga Kenneth	
ZUNGU	Ayanda Charity	
ZUNGU	Sabelo Goodwill	

Degree of Bachelor of Technology in ENGINEERING: CIVIL Specialising in Construction Management

ABDUL AZIZ	Clarissa	*CUM LAUDE*
*BADAL	Shravan	*CUM LAUDE*
BAIJNATH	Reosha	
BLAYI	Siyabulela	
CHINSAMY	Sheldon Bradey	
DEVNARAIN	Kamillia Candice	*CUM LAUDE*
DLAMINI	Lindokuhle Evidance	
DLAMINI	Sanele Rudolph	
DLAMINI	Silindile Fortunate	
GUMEDE	Fikile Babongile	
HLONGWA	Mphilisi Russell	
KHOZA	Minenhle Cyril	
KOMANISI	Yamkela	
LALLA	Candice	
MADLALA	Khethukuthula Prince	
MAJOLA	Nomthandazo Thobekile Andiswa	
MATANDA	Asavela Nosipo	
MKHIZE	Langelihle	
MKHOVANA	Ntandoyenkosi	
MKHWANAZI	Siyabonga Brian	
MKHWANAZI	Siyabonga Kwazikwakhe	
MUNGUAMBE	Skhumbuzo Remember	
MUNSAMI	Christele	*CUM LAUDE*
NDLOVU	Sibongumusa Gabriel	
NDZIMANDE	Kholisile	
NENE	Sakhile Langelihle Mlamuli	
NGCAMPHALALA	Mxolisi Stanley	
NTOMBELA	Nokulunga Lungi	
NTSHANGASE	Basil Mhlengi	
NTSHANGASE	Zothile Annatoria	
NYAMUSHO	Nompumelelo Nonhlakanipho	
PILLAY	Jetaine Preston	

*** Dean's Merit Award for Academic Excellence**

POTGIETER	Quintin Lance	*CUM LAUDE*
SCATES	Neville Anthony	
SEEBARAN	Lischka	
SHUBRATI	Naeem	
SHUDE	Alton Simphiwe	
SITHOLE	Lindelwa Patience	
SODIDI	Hlabangane	
TAYI	Mbasakazi	
TWEDDELL	Luke Matthew	
VEZI	Phumelela Njabulo	
ZUNGU	Kusasalihle Ntuthuko Sunshine	

Degree of Bachelor of Technology in ENGINEERING: CIVIL Specialising in Structural Engineering

BUDHRAM	Ushveer	*CUM LAUDE*
CHELLAN	Kesivan	
HARIPERSAD	Nilesh	*CUM LAUDE*
MBATHA	Mpendulo Mpande	
MKHIZE	Thabiso	
MOGALIA	Muhammad	
MPUNGOSE	Silindokuhle Ntandoyenkosi	
MTOLO	Londeka Angel	
SCATES	Julian David	
*STAINBANK	Tristin Noel	*CUM LAUDE*
TAYLOR	Richelle Carmen Beth	
VAN STADEN	Bradley Martin	

Degree of Bachelor of Technology in ENGINEERING: CIVIL Specialising in Transportation Engineering

*ALLY	Anees	*CUM LAUDE*
MAKHANYA	Deon Mpilo	
MBATHA	Siyabonga Andile	
MDLALOSE	Vuyisile Patience	
MKHIZE	Sicelokuhle Mncedisi	
MVELASE	Andile Sphelelo	
MWELI	Thobani Wiseman	
NGWIRA	Nontethelelo Perseverance Noxolo	
NTOMBELA	Happiness Hlengiwe	
NYAWO	Silindile Lindokuhle	
SIBIYA	Sthabile Nomathamsanqa	
YENI	Nonduduzo Precious	
ZULU	Khulekani Sikhumbuzo	
ZUMA	Sandile	

Degree of Bachelor of Technology in ENGINEERING: CIVIL Specialising in Urban Engineering

BASSA	Mohammad	
FADA	Unathi Ntombodumo	
GEORGE	Chief	
GORDON-MCKENZIE	Brian Graham	
KISTEN	Tiroshan	
LOGNATH	Nicolas	
MADLALA	Thamsanqa Marvelous	
*MAGANLAL	Ashish Kumar	*CUM LAUDE*
MAJOLA	Sibonelo Luyanda	
MAJOLA	Vumelani Sandiselo	
MASEKO	Zanele Rebeca Pretty	
MAYAMBELA	Zwilenkosi	
MBEJE	Phumlani Sfiso	
MDLULI	Sanelisiwe Merciful	
MENDOZA	Dunhill	
MKHATHINI	Pearl Thabile	
MNUKWA	Asanda Judith	
NAIR	Elisa Sharon	*CUM LAUDE*
NGUBENKOMO	Asive	
PERUMAL	Keron	
RAMOROBI	Dimakatso Naledi	
SEWCHARAN	Mithasha	*CUM LAUDE*
SEWSUNKER	Verushka	*CUM LAUDE*
SHABALALA	Peancone	
SIBIYA	Terrence Mthobisi	
THUSI	Thulile Annatoria	
TSHANGA	Gregoire	*CUM LAUDE*
VALLE	Remone	
XULU	Thanduxolo Xolani	
ZONDI	Sphumelele Ishmael	

Degree of Bachelor of Technology in ENGINEERING: CIVIL Specialising in Water Engineering

ABDOOLA	Adam Abraham	
*BALRAJ	Raksha Melissa	*CUM LAUDE*
BUTHELEZI	Khayelihle Nhlakanipho	*CUM LAUDE*
CELE	Nombuso Purity	
DU HECQUET DE RAUVILLE	Michel Louis	
KHUBONE	Thabane Enocent	
MAKHANYA	Andile Thandelakhe	
MASONDO	Sinenhlanhla Siphelele	
MBELE	He-Molate Gee	
MCDONALD	Giselle Tessa	
MNGWENGWE	Sihle Alfred	
MNYANDU	Mhlonishwa Satisfied	
NAIDOO	Deolan	
NDLOVU	Siyanda	
NEWAL	Denisha	
NGOBESE	Khulekani Hendrik	
NXELE	Penelope Nonjabulo Nomalungelo	

Degree of Bachelor of Technology in ENGINEERING: ELECTRICAL (Heavy Current)

BANSIPARSADH	Devesh Jaraj
BIYELA	Zanele Sandlesihle
BLY	Nozibele
BUTHELEZI	Mathapelo Nolwazi
CEBEKHULU	Londiwe Khombisile
CELE	Richard Khulekani
CHINNARAJULU	Adrian
DELEKI	Ziyanda
DLAMINI	Nombukiso
DLAMINI	Sandile
DLAMINI	Snobuhle Nelisiwe Portia
DLAMINI	Zwelihle Wiseman
DUMA	Bongumusa
FAKUDE	Fanele Zine
GAMA	Snothile Mbalenhle
GOVENDER	Kreolin
GUMBI	Mandisa Sybil
GUMEDE	Angel Thembelihle
GUMEDE	Bekezela Ndlaleni
GUMEDE	Mandla Mediator
GUMEDE	Ndumiso Ntokozo
GUMEDE	Nokuthula Angel
GUMEDE	Nomthandazo Patience

*** Dean's Merit Award for Academic Excellence**

GUMEDE	Siyanda Nhlakanipho Bright	
GWALA	Nomkhosi Precious Sinenhlanhla	
HADEBE	Thokozani Douclas	
HANIFF	Sudesh	
HASSIM	Muhammed Zafar	
JEZA	Samukelisiwe	
JUGLAL	Juhi	*CUM LAUDE*
KALALA	Sarah Tshibola	
KAMALALL	Sudheer	
KHAN	Mohammed Thofeek Inthiaz	
KHANYEZA	Sihle Hastings	
KHOMO	Ntombenhle Pearl	
KHUMALO	Gladness Ntokozo Nonkosi	
KHUMALO	Mbali Pretty	
KHUZWAYO	Marvel Sibonelo	*CUM LAUDE*
KHUZWAYO	Thembinkosi Aubrey	
KHWELA	Siphesihle	
LEMBETHE	Innocent Sibusiso	
LETARD	Julian Antoine	
LUBAMBO	America Bhekithemba	
LUNGA	Zanele Zamalunga	
LUTHULI	Thabile Lillian	
MABASO	Lindokuhle Samukele	
MADLALA	Masondo Nsimbi	
MAHARAJ	Kaveer	*CUM LAUDE*
MAJOLA	Mpumelelo Sboniso	
MASINGA	Nomcebo Slindile	
MATHE	Sithembiso Brian	*CUM LAUDE*
MAYAPPEN	Leevasen	
MAYEZA	Ntombenhle Nomusa Precious	
MBHELE	Luyanda Nomfundo	
MBOVU	Lonwabo	
MBUTHO	Nduduzo Leon	
MBUYISA	Simphiwe	
MCHUNU	Nomfundo	*CUM LAUDE*
MDIMA	Nokwethemba Wendy	
MDLADLA	Nomcebo Letetia	
MDLALOSE	Zethu Winnie	
MDLULI	Nokuzola Valentine	
MDUNGE	Patience Phindile	
MFEKA	Simphiwe	
MGEYANE	Hlengiwe Mbo	*CUM LAUDE*
MKHIZE	Asanda Ntokozo	
MKHIZE	Bongeka Rebecca	
MKHIZE	Lungisani	
MKHUNGO	Sibusisiwe Nokwanda	
MNCUBE	Bongumusa	
MNGOMEZULU	Bongani Sihawukele Wiseman	
MNGOMEZULU	Simphiwe Nhlakanipho	
MNTAMBO	Mzamo Felix	
MOODLEY	Jason	
MOSHOESHOE	Thato	
MPONGOMA	Andisiwe Sinazo	*CUM LAUDE*
MSANE	Mzamo Richard	
MSANI	Soloko	
MTHEMBU	Nhlakanipho	
MTHEMBU	Nicholette Sibongile	
MTHEMBU	Sithandiwe Precious Thembekile	
MTHOMBENI	Mixo Edmon	
MWELASE	Mthobisi	
MYEZA	Milliza Nomzamo	*CUM LAUDE*
MZILA	Nondumiso Penelope	
MZOBE	Melusi Trevor	*CUM LAUDE*
NAIDOO	Jesse Nathanial	*CUM LAUDE*
NAIDOO	Nishen	
NATHANIEL	Matthew Charles	
NDLELA	Lizwi Bongiwe	
NDLOVU	Scelo Velemseni	
NDLOVU	Siphamandla	
NDWANDWE	Bongiwe Nothile	
NDWANDWE	Talent Ronald	
NGCOBO	Nkosinathi Sifiso	
NGCOBO	Samukensiwe	
NGCOBO	Sandile Cyril	*CUM LAUDE*
NGEMA	Londizwi Luyanda	
NGEMA	Phindile Zamantusi	
NGQULUNGA	Thalente Victor	
NGUBANE	Khulekani	
NGUBANE	Nolthando	
NGWENYA	Ntombimpela Patience	*CUM LAUDE*
NGWENYA	Silindokuhle	
NHLABATHI	Xolile Princess	
NJONGO	Dimpho Sisanda	*CUM LAUDE*
NKOMO	Sithabile Prudence	
NKOMO	Thabani Justice	
NOMANDELA	Andile	
NTOMBELA	Dumisani	*CUM LAUDE*
NTOMBELA	Lungani Brian	
NTSHANGASE	Mzwandile	
NTULI	Khethukuthula Amanda	
NXUMALO	Lizwi Promise	
NXUMALO	Thubelihle Lungile	
NYONI	Nombulelo Prudence	*CUM LAUDE*
NZAMA	Nduduzo Deon	
PARUK	Yusuf Imraan	
RADEBE	Masesi Nongcebo	
RAJKUMAR	Rivash	
RAMDHANI	Shivek	
REDDY	Nolita	
SANGWENI	Londiwe	
SHABALALA	Mtobisi Houston	
SHABANGU	Langelihle Mthokozisi Quentin	
SHANDU	Simiso Khetha	
SHANGE	Innocent	
SHEZI	Bongumusa General	
SHOZI	Mduduzi Handsome	
SHUDE	Philile Princes	
SIBIYA	Hamilton Lethukuthula Mthandeni	
SIBIYA	Nhlanzeko Brightness Ntombizanele	
SIBIYA	Sphamandla Innocent	
SIKHAKHANE	Lungelo Siphesihle	*CUM LAUDE*
SIKHOSANA	Zoleka	
SIMELANE	Penuel Khulekani	
SINGH	Kuvesan	
SITHOLE	Nomakhosi Valentine	*CUM LAUDE*
SITHOLE	Samukelisiwe Nongcebo	
SITHOLE	Sinenhlanhla Cynthia	
SOMANA	Nonjabulo	
SOMARU	Kayleen	
SONILAL	Sunisha	
SONTSELE	Qaphelani	
*SOOKOO	Shivek	*CUM LAUDE*

*** Dean's Merit Award for Academic Excellence**

TEMBE	Ntombifikile Bridget	
TENZA	Mbuso	*CUM LAUDE*
THABETHE	Sithembiso Lucky	
THABETHE	Thembeka Nokulunga	
TINYANE	Ramano	
ZONDI	Ntuthuko	
ZULU	Gabisile Primrose	
ZULU	Luyanda Sbahle	*CUM LAUDE*
ZULU	Nobuhle Snenhlanhla	
ZULU	Sithembile Sinethemba	
ZUMA	Natasha Slindokuhle	

Degree of Bachelor of Technology in ENGINEERING: ELECTRICAL (Light Current)

BANZA	Lubaba Erick	*CUM LAUDE*
BUTHELEZI	Mbuso Mhlengi	
CELE	Nontuthuko Prosperity	
CHANDERGUPTH	Jason	
CHEMBIAH	Kyle	
CHOTU	Nivesh	*CUM LAUDE*
DIKO	Lihle Brian	
DLAMINI	Mthobisi Love-More	
DLAMINI	Thina Aneth	
GAMBU	Mathemahle Prophet	
GOBA	Kufanelesibonge	
GOUNDEN	Shivaan	
GOVENDER	Melisha	
GOVENDER	Thangappen Poonsamy	
GUMBI	Banele Octavia	
GUMEDE	Immaculate Amanda	
GUMEDE	Thobani	
GUMEDE	Zinhle Ignacia	
HAMMOND	Tubal Caleb	
HANIFF	Nausheina	
HARIPARSAD	Naval	
HLATSHWAYO	Phumzile	
JERG	Dylan	
KHOWANE	Velile Martin Thandokuhle	
KHUMALO	Maxwell Siphamandla	
KHUMALO	Thabani Desmond	
LALLA	Akshay	
LUBABA	Nshimbi Heritier	
MADIDA	Mxolisi	
MAHARAJ	Sasheel	
MAHOMED ZUBHAR	Uwais	
MAJOLA	Zintle	
MAKHANYA	Ntombikayise Silindile Hazel	
MAKHAVHU	Nzumbululo	
MANANA	Sibongiseni Emmanuel	
MATHEWS	Liam Quaid	*CUM LAUDE*
MBATHA	Mbalenhle Silindile	
MDHLULI	Nonhlanhla Bridget	
MIYA	Nkanyiso Brightman	
MLIMI	Wendy Jansen	
MNGOMA	Thabiso Innocent	
MOODLEY	Kaylan	
MPANZA	Nonjabulo	
MSELEKU	Nondumiso Peace	
MTHETHWA	Sibonelo Maqhawe	
MTHETWA	Andiswa	
MYENI	Kwanele	
NAIDOO	Celine	
NAIDOO	Shaylin	
NDALIKA	Mujinga Parfait	
NKOSI	Kwanele Fanelesibonge	
NXASANA	Busisiwe Randy	
NXUMALO	Tebenguni Makhosazana	
NZIMANDE	Ntethelelo Travior	
OMARJEE	Shuaib	
PHETHA	Cebile Patience	
PILLAY	Sathasivan	
RAMJEETH	Praveen	*CUM LAUDE*
REDDI	Magan	
*REDDY	Saieshan	*CUM LAUDE*
SIBIYA	Zethembiso Khombisile	
SIMELANE	Mfundo Handsome	
SINGH	Vinod	
SITHOLE	Thabani Lungani	
SOKHELE	Ndumiso Armstrong	
ZIKHALI	Phakamani Cyril	
ZULU	Mxolisi Bethuel	
ZUMA	Siphesihle Thembinkosi	
ZUNGU	Malusi Mzwakhile	

Degree of Bachelor of Technology in ENGINEERING: INDUSTRIAL

BIYELA	Khayelihle Sifiso
DLAMINI	Ntombizizile Nothando
DLUDLA	Siphelele
GABELA	Malibongwe Thobani Thembenkosini
GQADA	Thina
LAALJE	Neval
LANGA	Sandra Esperansa Silva
LATIFF	Muhammad Sarfaraaz
LINDA	Silindile Nonkululeko
LUTHULI	Ziphozonke Sindisiwe
MAJOLA	Sihle Wellington
MALINGA	Thabiso
MATHONSI	Sithabiso Mbulelo
MBANJWA	Yenziwe
MBATHA	Thubelihle Willheart
MCHUNU	Phindile Promise
MDAKI	Luthando
MDLALOSE	Nosipho Phamela
MDUBEKI	Nolubabalo
MKHIZE	Thulisile
MNGADI	Nsika Simphiwe
MOODLEY	Kyle
MOTUBATSE	Mamodishe
MTHEMBU	Thubelihle Suprise
MTHETHWA	Nonhlalakahle
MTHETHWA	Phiwakahle Nozipho
MTHETHWA	Thamsanqa Sibongokuhle Knowledge
NDINISA	Nonsikelelo Nonhlanhla Prudence
NDLOVU	Thokozani Andrew
NDWANDWE	Banele Christian
NEMUKULA	Zwashu
NGCOBO	Silindokuhle Lusanda
NGEMA	Samkele Lindani
RABIKOOSUN	Kayan
THAMBIRAN	Kreuben
THAMBIRAN	Shamreen

*** Dean's Merit Award for Academic Excellence**

TSHAWANE	Nolwazi Trinity	
ZULU	Sibonelo	

Degree of Bachelor of Technology in ENGINEERING: MECHANICAL

BALMINT	Akshay	*CUM LAUDE*
BANZE	Ilda Lucia Joao	
BECHOO	Tarish Romanand	
BHEMBE	Lunga S'Phesihle Maqhawe	
BHENGU	Mzamo	
BIYELA	Phumlani Thuthukani	
CHAITHRAM	Tharish	
CHAMANE	Shlobosenkosi Blessing Omega	
CHETTY	Diveshan	*CUM LAUDE*
CHETTY	Piroshin	
COLE	Tevan Jason	
DASRATH	Jusvina	*CUM LAUDE*
FAKU	Wongalethu	
GCABA	Nduduzo Innocent	
GOUNDEN	Kimendren	*CUM LAUDE*
GOVENDER	Direshen Dylen	
GOVENDER	Jenalee	CUM LAUDE
GOVENDER	Kailin	
GOVENDER	Malcolm	
GOVENDER	Sachin	
GOVENDER	Shailen Jugathesan	
GOVENDER	Sumeshan	
HAPPI MIEGUE	Steve	
HEMRAJ	Sashin	
JALI	Sandile	*CUM LAUDE*
JEEWANLALL	Aran	*CUM LAUDE*
JITLALL	Dasheel	
KHUMALO	Lungelani	
KHUZWAYO	Zwethanda	
*KUNENE	Njabulo	*CUM LAUDE*
KUPPASAMY	Shalen De Marco	
KWEYAMA	Nkululeko Freedom	
LANGA	Siphesihle Buyani	
LOUVIE	Lindani Remnant	
LUCHOOMAN	Minesh	
MAHARAJ	Tareesh	
MAHLABA	Lwazi Lungani Sphesihle	
MAKHASANA	Sanele Andrew	
MANYATSI	Thulani Leonard	
MBONAMBI	Ncamokuhle Sphumlile	
MBULI	Mzokhulayo Outtor	
MCHUNU	Sinenhlanhla Siyathokoza	
MDLULI	Cebisile Zamekile Precious	
MEERAN	Daanish	
MENDES	Ricardo Jose Leite	
MHLONGO	Mfundiso Mpilo	
MICHAEL	Allistair	*CUM LAUDE*
MKIZE	Mxolisi Siphesihle	
MNGOMA	Ezile	
MNUKWA	Ntandazo	
MOODLAYIAR	Tashlin	
MOODLEY	Brandon Noah	
MOTILALL	Byron Bervin	
MUGAN	Akshay	
MUNSAMI	Desigan	
MYEZA	Ayanda	
MZIMELA	Zamani Benjamini	
NAICKER	Roann	
NAIDOO	Leshanthini	
NAIDOO	Rovanee	
NCOKWANE	S'Phelele	
NDHLOVU	Mncedisi Success	
NGOBESE	Jomo Mlungisi	
NTIKANE	Livhuwani	
NTSHALINTSHALI	Nosipho	
NTULI	Mondli Sizwe	
NXUMALO	Wandile Mnqobi	
OELOFSE	Jason David	*CUM LAUDE*
PADAYACHEE	Yaidene	
PAUL	Linton John	
PERUMAL	Lucius Lloyd	
PILLAY	Kylan Kyle	
PILLAY	Leolin	
PILLAY	Sheldon Trey	
PRETORUIS	Wynand Johannes	
RAJKARAN	Yastha	
RAMSANDER	Shive	
RAMSUROOP	Shovir	
REUBEN	Earl Remon	
RIDHOO	Renesh	
ROSS	Nicholas Richard	
RUTHNAM	Dharshan	
SEWNATH	Saien	
SEWPARSAD	Maniv	
SEWPERSAD	Kaylin	
SHANMUGAM	Thameshen	*CUM LAUDE*
SHELEMBE	Mfundiseni	
SHEZI	Andile Prince	
SHOBA	Bhekithemba Sunrise	
SINGH	Asthieel	
SINGH	Shikhar	
SIVBADHAN	Tamica	*CUM LAUDE*
SLADE	Shaun Geary	
SOMANNA	Wayne Lionel	
THWALA	Halalisani Praisegod	
VAN DER MERWE	Jacobus Cornelius	
VANDAYAR	Kaylin	
VENKETSAMY	Pravean	
XULU	Muziwenkosi Thabani	
ZUNGU	Calvin Thabiso	
ZUNGU	Nqabenhle Mhayeni	
ZUNGU	Thabiso Khifikwane	

Degree of Bachelor of Technology in QUANTITY SURVEYING

BANTI	Phiwokuhle Yinkosi Yanga	
BORERWE	Artwell	
BOYANA	Luyanda	
BUTHELEZI	Sinegugu Precious	
CAKO	Asanda Tembela	
CHAMANE	Lusanda	
CHETTY	Renny Royeppen	*CUM LAUDE*
COETZEE	Byron Grant	
DIKO	Sibongile Ndileka	
DIPA	Zizipho	
DLAMINI	Siphokazi Faith Theodosia	
DLAMINI	Thembani Alfred	

*** Dean's Merit Award for Academic Excellence**

DUNGE	Mbuso Zwakele	
GCABASHE	Ndabezinhle Welcome	
GOVENDER	Derushen	
GOVENDER	Sheolin Kyle	
GQOBOKA	Nontembeko Cynthia	
GUMEDE	Sakhisizwe Pelson	
GWELE	Asiphe	
HADEBE	Sigcinile	
HLONGWA	Nomvelo Nature	
JUGROOP	Sahil	
KARRIM	Muhammad Suhail	
KHUMALO	Ncamisile Evidence	
KISTEN	Theolan	
LUKHOZI	Lindile Faith	
LUTHULI	Banele	
LUTHULI	Nozipho Charity	
MABASO	Mziwandile Themba	
MAGCABA	Thandiwe	
MAGUBANE	Patrick Thulani	
MAJOLA	Nomfundo Thandeka	
MANSOOR	Ismail	*CUM LAUDE*
MANYONI	Nothemba Sinenhlanhla	
MASONDO	Nelly Elsie	
MAVUNDLA	Musa Derrick	
MBATHA	Andile Nosipho	
MBHELE	Mluleki Brian	
MBUTHU	Lungelo	
MBUYAZI	Nqobile Hlengiwe	
MFEKANA	Nosipho Precious	
MHLONGO	Precious Ntombizodwa	
MHLONGO	Snethemba	
MJOLI	Marvin Andile Pitso	
MKHIZE	Nontokozo Nomfundo Mandy	
MKHUNGO	Nontobeko Maureen	
MKHWANAZI	Ntandoyenkosi Dylan	*CUM LAUDE*
MKHWANAZI	Thubelihle	
MNCWABE	Nkosinathi Emmanuel	
MNCWABE	Nongcebo Brilliant	
MNGOMEZULU	Njabulo Fisokuhle	*CUM LAUDE*
MNGOMEZULU	Nontobeko Brightness Nokwanda	
MNGOMEZULU	Sithabile Zinhle	
MODISANE	Sharron Matlhogonolo	
MOKOENA	Tsitso Bernard	
MOODLEY	Bradley	
MOODLEY	Damian Tristan	
MOODLEY	Dineshan	
MPUNGOSE	Sihle Londiwe	
MSWELI	Bekenkosini Kwenzile	
MTHEMBU	Sabelo	
MTHETHWA	Ndumiso Mfundo	
MTHOMBENI	Vusumuzi Nkosinathi	
MTSHALI	Muzikhona Ewert	
MTSHENGU	Lwandile	
MUNILALL	Jasveer	
MWANDLA	Phindokuhle Petros	
MYENI	Zanele Claudia	
NADAS	Kiroshan	
NAIDOO	Thameshnee	
NALA	Sihle Innocent	
NARAIN	Trishan Shania	
NDLOVU	Langelihle Lethiwe	
NDLOVU	Nana Pearl	
NDLOVU	Nosipho Amanda	
NGCOBO	Anotha Siphesihle	
NGCOBO	Fezile Phetheni	
NGCOBO	Thobeka Thelo	
NGCOBO	Thulile Nosipho	
NGUBO	Sethu	
NKWANYANA	Siphisihle Austin	
NOTSHWELEKA	Ayanda Vuyani	
NOXAKA	Lindiwe	
NTLANTSANA	Yonela	
NTULI	Doctor Muzikayise	
NXUMALO	Mthokozisi Nkululeko	
NZIMANDE	Patrick	
NZUZA	Siyanda Samkelo	
PILLAY	Claude	
PILLAY	Naslyn	
PILLAY	Omashan	
PILLAY	Ruveshan	
PILLAY	Terome Noel	
RADEBE	Nkululeko	
*REDDY	Brandon	*CUM LAUDE*
ROSENPERSHAD	Avishan	
SANGWENI	Sphelele Innocent	
SHEZI	Themba	
SHOBA	Nhlakanipho	
SHOZI	Siphamandla	
SIBIYA	Nomcebo	
SIBIYA	Siphumelele Gculisile Nompilo	
SINGH	Kesheena	
SITHOLE	Mzamo Sithembiso	
SOHUMA	Pindile	
VAWDA	Yusuf Ismail	
WAHAB	Suraya	*CUM LAUDE*
ZENANI	Tembinkosi	*CUM LAUDE*
ZONDI	Nomvelo Rebecca	
ZUNGU	Siphelele Ignatia	

Degree of Bachelor of Technology in SURVEYING

CELE	S'Phelele Rachel	
HLONGWANE	Silindile Nomcebo	
MAKANYA	Vincent Hlanganani	
MATIANE	Risima Precious	
MAZIBUKO	Ndumiso	
MTHETHWA	Selby Sizwe	
*NAIDOO	Gideon Kyle	*CUM LAUDE*
NAIDOO	Melissa	
NGOMA	Zimasa	
SIBISI	Siyanda Professor Yah	

Degree of Bachelor of Technology in TOWN AND REGIONAL PLANNING

DWARIKA	Nishaal

Diploma in Engineering Technology in CIVIL ENGINEERING

BHENGU	Lindani Samkelo
CHAPI	Tantanyane
CHULE	Nonhlanhla Qinisile
DAYI	Silvia Simonye

*** Dean's Merit Award for Academic Excellence**

DLAMINI	Ayanda Ndumiso
DLAMINI	Lungani Olwethu
DLAMINI	Mandla
DLAMINI	Msizi Velaphi
DLAMINI	Siphesihle Goodman
DLAMINI	Thuthukani Bhelisizwe
DLAMINI	Zwelakhe Troy
DLANGALALA	Sibusiso Senzosakhe Siwinile
GASA	Sinenhlanhla Patience
GCABASHE	Nosipho Nobuntu Lungelwa
GENGAN	Duran Ranaldo
GOUNDER	Kee-Leen
GOUNDER	Quewen Ethan
GUMEDE	Brilliant Nhlanhla
GUMEDE	Thobani Innocent
GWEMTU	Afanelekile
HADEBE	Nzuzo Nkanyiso
HADEBE	Thembelani
HLENGWA	Siboniso Sicelo
JELE	Zanele
KAVUNA	Isaac
KHAMBULE	Lindokuhle Nkululeko
KHUMALO	Siphesihle Mgcineni
KHUMALO	Vuyelwa Pollen Sabelo
KHUZWAYO	Nomvula
LANGA	Phelokazi
LUSHABA	Nozipho
MABASO	Langelihle
MABENA	Thabang Archibald
MABUZA	Sihle Sheelen
MABUZA	Vuyo Sandile
MADE	Mondli
MADINANE	Silindelwe
MADUMA	Junior Lwazi
MADUNA	Thabile
MAGAUDENI	Ndifikile
MAGELE	Philani Protas
MAGUBANE	Siphosethu
MAKHUBO	Sandiso
MANGENA	Siyanda
MANYANGA	Khethokuhle Luvuyo Mnqobi
MATHENJWA	Bongeka Sphumelele
MATHONSI	Siphosethu Nhlalenhle
MATJIE	Patriel Kgohlelelo
MAZIBUKO	Sanele Xolani
MBAMBO	Mpilonhle Wandile
MBAMBO	Thabiso Sphephelo
MBANJWA	Mzamo Wiseman
MBUYISA	Sithembile
MDLALOSE	Siphesihle Andile
MJADU	Nondumiso Fikile Nosipho
MKHIZE	Nolwazi
MKHIZE	Ziningi Nondumiso
MKHONTO	Ernest
MKHONZA	Sanelile Nompilo
MKHWANAZI	Lwandle Harold
MNGADI	Qhawe Heroine
MNISI	Siyabonga Wellington
MOHAMED	Mohamed Abdalla
MOLELENGOANE	Thapelo Joel
MOLOKOMME	Given
MONDI	Mazini
MOTAUNG	Noluthando
MPISANE	Mnqobi Aubrey
MPUNGOSE	Mnqobi Bright
MSOMI	Phumelele
MTHEMBU	Ndumiso Khayalethu
MTHEMBU	Zinhle Francisca
MTHETHWA	Siboniso
MTHETHWA	Thokozani Prince
MTHULI	Mthobisi Innocent
MTSHALI	Mthandeni Doctor
MULOVHEDZI	Israel
NDLOVU	Nombulelo Samukelisiwe
NDLOVU	Noxolo
NDLOVU	Snegugu Lihle
NDLOVU	Thembelihle
NEMATO	Tarirai Alvin
NENE	Ndumiso
NGCECE	Nompumelelo Fancier
NGOGWANA	Nzokozo Gift
NGQULUNGA	Lungile Ntombenhle
NGUBANE	Siyabonga Mfundo
NHLENGETHWA	Siyabonga Madoda
NSIBANDE	Manqoba Sinenhlanhla
NTSHELE	Ntokozo
NYAWO	Lungile Princess
NYAWOSE	Nomkhosi
NZIMANDE	Samukelisiwe
RABICHAND	Ashaylen
RAMJEAWON	Manish Roshenlal
SHANGE	Thabani Msizi
SHELEMBE	Kholeka Precious
SHEZI	Noxolo Muhle Victoria
SHONGWE	Nkululeko Ivan
SIBEKO	Nhlakapho Afikile
SIKAKANE	Bongumusa
SITHELA	Ayabulela
SITHOLE	Boniswa Portia
TSOTETSI	Bonani Mthokozisi
XABA	Sibulelo Blessing
ZONDI	Hlanganani Moses
ZULU	Luyanda Ndabezinhle Sifiso
ZUMA	Phindokuhle

National Diploma in ARCHITECTURAL TECHNOLOGY

MANGARU	Keanen
MBUYISA	Bonginhlanhla Falakhe
MEERAN	Jauhara
MOLOTO	Kholofelo Violet
MOODLEY	Eugeshen
MSANE	Sanele Handsome
MTETWA	Njabulo Praiseman
NAIDOO	Sashlin
PILLAY	Kamishrin
ZITHA	Nomathemba Noluthando

*** Dean's Merit Award for Academic Excellence**

National Diploma in BUILDING

GARANE	Sanelisiwe
KHAWULA	Silondile Potus
MALAPILE	Makwena Edward
MASHABA	Xitshembiso Given
MASUKU	Njabulo Luyanda Fleance
MBONGWE	Sibusiso Treasure
MDLALOSE	Nokwanda Phumla
MDUNUSANA	Samkelisiwe
MHLONGO	Mholi Treasure
MJINDI	Asitandile
MOONSAMY	Pooja
MORENA	Morena Badisheng
MPONDOMBE	Lungile Tholakele
NDEBELE	Nokukhanya Bridged Sinethemba
NDLOVU	Nhlakanipho Lucky
NGEWU	Bathandwa
NHLEKO	Sifanele Manelisi
NKOSI	Siyabonga Sifiso
NTAKAZANA	Wezile
NTULI	Ofetse Yvonne
SEWPAL	Kajal
SHABALALA	Gcinile
SHABALALA	Nhlanhla Lucky
VEZI	Thembelani Minenhle
XIMBA	Godfrey Dumisani
ZONDI	Siboniso Ronaldo
ZULU	Simele Thobani

National Diploma in ENGINEERING: CHEMICAL

BHENGU	Ndumiso Laurence
BUTHELEZI	Alpha Joseph
CHETTY	Cameron Jermaine
MAJAFE	Thembile Olivia
MASUKU	Chester Bonga
MDIMA	Gcinokwakhe
MDLULI	Ntando Pearl
PERUMAL	Theodore Duerell
RAMESHAR	Shemir
THANDABANTU	Aluvuyo

National Diploma in ENGINEERING: CIVIL

ADEYEMI	Moses Oluwasegun
BUYEYE	Ntando Sixhamle
CHINNA POLIGA	Tevin
CHONCO	Khulani Qiniso
DA SILVA	Lucian Alberto
DLAMINI	Mangethabe Vusumuzi
FUHRI	Chase Ridge
GIYAMA	Indipile Buhle
GOVENDER	Kelvin
KUNENE	Sijabulile Mary-Jane
MBHELE	Sfundo
MKHIZE	Njabulo Mhlengi
MKHIZE	Sifundo Cedrick
MOODLEY	Priniven
MUNJOMA	Tinashe Ashlee
NAIDOO	Jayprishanth Sivaprakash
NIKWE	Sinothile
NYABA	Thamsanqa Manqoba
NZIMANDE	Sanelisiwe
NZUZA	Mhlengi Philasande
NZUZA	Siyabonga
RAMKLOWAN	Khamil Sanjay Hariduth
SHANDU	Smangele
SHEIK	Sheziq
SHEPHERD	Trent Joss
XULU	Hlobisile Angel
ZONDI	Mthokozisi Kwanele

National Diploma in ENGINEERING: COMPUTER SYSTEMS

DLAMINI	Mangaliso Siyabonga
GWAMANDA	Nkanyiso Emmanuel
KHUZWAYO	Thobani Percival
MANDIWANA	Bonisiwe Beatrice
MASSEY	Andrew Winston
NARAINAN	Kreenasen
PILLAY	Bastian Macaliester
PILLAY	Shiveshni
SHANGASE	Lubabalo
XIVURI	Honey
YABILI	Nyembo Gael

National Diploma in ENGINEERING: ELECTRICAL (HEAVY CURRENT)

CHETTY	Emilio Quinn
CHILI	Thokozani
CHRISTIAN	Angendu Mongenzo
GUMEDE	Nomfundo Zandile Innocentia
HLATSWALO	Sakhile Sifiso
KHESWA	Rodney Lindokuhle
MABINDISA	Siphiwe Sydney
MAJOZI	Goodwill Mbusiseni
MAZIBUKO	Phumulani Hamilton
NKANINI	Mfanelo Ayester
NKOSI	Bhekisisa Mnqobi
NTSHANGASE	Sizwe Siphiwe
NXUMALO	Sbongiseni Wiseman
PALM	Noluthando Zinhle
RAMLALL	Ramon
SHANGE	Sicelimpilo Sandile
SIBISI	Msizi Siyabonga Wilfred
SIBIYA	Njabulo
SOKHELA	Celiwe Tshengisile
TEFO	Gordon Katlego
VILANE	Sihle Laurenzo

National Diploma in ENGINEERING: ELECTRICAL (LIGHT CURRENT)

ABDULLA	Muhammad
BHENGU	Lynette Zinhle
CIKWAYO	Teenage Bhekisisa
DLAMINI	Ignecia Lungelo Nontuthuko
GOVENDER	Makaylin
GUMEDE	Kwenzeka Thulani
KHOZA	Ntuthuko Wiseman
KHOZA	Sandile
KHWELA	Thandeka

LUKHELE	Manqoba Senzo
MADIKIZELA	Lihle
MADLALA	Sibusisiwe Wendy
MADONSELA	Mxolisi Comfort
MAZIBUKO	Sandile Jabulisa
MBAMBO	Eraser Nomzamo
MCINEKA	Nhlanhla Lucky
MFEKA	Lethiwe
MHLONGO	Lethiwe
MHONE	Mpendulo Mickey
MKHIZE	Sizwe Seluleko
MKHIZE	Zamokuhle
MLAMBO	Sthenjwa Percival
MNCWABE	Mzamo Bruce
MNGWEVU	Nokwanda Nokuzotha
MPULO	Lindokuhle
MSEZANE	Sandile Fortune
MTETWA	Velempilweni Mxolisi
MTOLO	Hero Mzwakhe
NAIDOO	Ashley Allen
NAIDOO	Avishan
NAIDOO	Nivolen
NDLOVU	Minenhle Mlondi
NDLOVU	Sanele Prudence
NGENGE	Luvile
NONO	Lethu Micky Sibusiso
NTULI	Sibonele France
RADEBE	Andiswa
REDDY	Aziel Jerushan
SHANGE	Msizi Welcome
SOOKOO	Yashik
TEMBE	Sinenhlanhla Siphesihle
ZULU	Mandisi Lindelwa

National Diploma in ENGINEERING: INDUSTRIAL

DLADLA	Njabulo Ntokozo Percival	
GOOLAM	Saalihah	
GOVENDER	Kylan	
LUTHULI	Miselo Lungelo	
MAKHATHINI	Nhlakanipho Innocent	
MAKHAYE	Msizi Mathews	
MAPHUMULO	Thando Happy	
*MBATHA	Sindiswa Senelisiwe	*CUM LAUDE*
MBHELE	Andile	
MDLULI	Siphamandla Sibusiso Tshepo	
MDLULI	Sipho	
MEMELA	Mthobisi	
MKHIZE	Gcinile	
MNGUNI	Sithembiso Langelihle	
MSIBI	Nkosingiphile	
MTSHAKAZA	Nzolo	
MUSAU	Tshisuaka	
NDLOVU	Sisasenkosi Raphael	
NGIDI	Andile Noluthando	
NGUBENI	Bafana Nhlakanipho Ernest	
PANGUANA	Tulipe Sibongile	
SHABANGU	Nkululeko Alex	
SITHOLE	Nkosingiphile Lucky	
SITSHANGE	Siphumelelo	
ZONDI	Lungelo Emmanuel	

National Diploma in ENGINEERING: MECHANICAL

BOURAS	Ihron
CEBEKHULU	Nhlakanipho Khulanensizwa
DEBINARAIN	Akkira
DLAMINI	Nompilo
GOVENDER	Christopher John
HLATSHWAYO	Kwenele Zama
JANGE	Siyabonga Wiseman
KANNIGADU	Shannon
KHESWA	Msizi Vincent
KHUMALO	Michael
MAPHUMULO	Mfundo Swelihle
MAPHUMULO	Nkululeko
MATHIMBA	Mphakamisa
MBANGATHA	Siviwe
MBUWENI	Lizo Samkelo
MHLAKWANA	Thembalethu
MISRA	Keshav
MJILA	Banele Thandokuhle
MOYANA	Isak Dumisani
MTHEMBU	Sihle Brian
MTHIYANE	Ntandoyenkosi Immanuel
MUTHALIB	Ayesha Siddiqa
REDDY	Prialan
SINGH	Mikar
VORAJEE	Zakir

National Diploma in PULP AND PAPER TECHNOLOGY

CHETTY	Shivani
MABUNDA	Nomthandazo Glenda
MBOTHWE	Olwethu
MGABHI	Smangaliso Fezile
MLAMBO	Thabiso
MTHETHWA	Ayanda
MTHIYANE	Bongakonke
NDLANGAMANDLA	Nkosiyapha Cebo
NTSHANGASE	Thembelihle
ZONDI	Sanele Ronald

National Diploma in SURVEYING

AMISI	Abdallah
CELE	Lungiswa Nomasonto
CELE	Sibongiseni Joshua
DHLAMINI	Nokwanda Nozipho
MKHWANAZI	Nqobile Mary
MTHEMBU	Sibongakonke
NAIDOO	Mishola
NTSHANGASE	Nosipho Kwenzi
PHAKATHI	Nkazimulo Sinenhlanhla
SIMELANE	Pamella
SITHOLE	Siphelele Vincent

National Diploma in TOWN AND REGIONAL PLANNING

MCOBOTHI	Siseko

*** Dean's Merit Award for Academic Excellence**

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DURBAN UNIVERSITY OF TECHNOLOGY

INYUVESI YASETHEKWINI YEZOBUCHWEPHESHE

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