

Doctoral Students Alumni and in progress with Prof MTE Kahn

No.	Student & Project	Year Graduated	Current Affiliation
1	Phumzile Malindi , Methods for providing rural telemedicine with quality video transmission.	2007	Senior Lecturer :Walter Sisulu University
2	Bo Zhang, Design, modelling and simulation of a novel micro-electro-mechanical gyroscope with optical readouts	2008	Professor at Xi'an University, China
3	Afua Khalfan Mohamed, Electrical energy management and its impact in sub-Saharan Africa	2011	Deputy Director COSTECH (like CSIR), Tanzania. First female doctoral graduate at DEECE
4	Kilimo, Abraham Salum Guji, Innovative techniques of employing small hydropower plants in distributed electricity generation	2011	Senior Lecturer: Dares Salaam Institute of Technology
5	Wilfred Fritz, Development of Distributed co-generation systems and IEC61131 Automation Technology	2011	Alexander Von Humbolt Fellow: Assoc Prof at DEECE , CPUT
6	Raji, Atanda Kamoru, Performance evaluation and improvement of grid-connected technology	2012	Senior Lecturer, Faculty Research Representative for DEECE, CPUT
7	Marco Adonis, An investigation and design of an infrared radiation heat profile controller	2010	HOD DEECE since April 2021, M.Eng Energy Programme Co-ordinator, DEECE, CPUT
8	Nell, Raymond D, Three dimensional depth visualization using image sensing to detect artefact in space	2014	Medical Research Council
9	Onwunta, Emea Kalu, Modelling and simulation of the impacts of distributed generation integration into the smart grid	2014	Senior Engineer, Nigerian National Petroleum Corporation, Nigeria
10	Almaktoof, Ali Mustafa Ali , Multilevel inverters using finite set- model predictive current control for renewable energy systems applications	2015	Lecturer at DEECE, CPUT
11	Zakariya, Nasiru Imam, Development of nuclear-radiological facility monitoring system	2016	Deputy Director , Nigerian Nuclear Corporation, Nigeria
12	Kamanzi, Janvier , Thermal electric solar power conversion panel development	2017	Lecturer, Mechantronics, CPUT

13	Ayeleso, Ayokunle Oluwaseun , An improved plasma energy conversion system for electric power generation	2018	Postdoctoral Fellow , DEECE
14	Gupta, Gunjan, An analysis and improvement of selected features of power quality of grid-tied alternative energy systems	2018	Postdoctoral Fellow, FSATIE
15	Martial Giraneza :Intermediate low voltage direct current (ILVDC) interconnection systems for sparse electrified areas	2019	Postdoctoral Fellow, CRPS, DEECE
16	Khaled Ben Hamad : Fuel cell power conditioning multiphase converter for 1400 VDC Megawatt stacks	2020	Lecturer , Libyan State University
17	Ben Groenewald : Sustainable off-grid electricity supply using a LTE communication model for rural towns in South Africa	2020	Head of Department, DEECE, CPUT, until March 2021
18	Rosalia Sinvula :Development of techniques for assessing customer accountability for harmonic distortion across a ring main network.	2021	Senior Engineer, Nampower. Vice-chairperson for the Namibia Women in Engineering Association, Namibia.
19	Robyn Maharaj :Design and implementation of a device to optimise SCADA using LTE-M	2022	Doctoral Student
20	Paul Beyandang : Domestic and commercial fuel-cell/battery/ultra-capacitor hybrid power energy conversion and energy storage management	2022	Doctoral Student
21	Clement Matasane : GIS decision support systems in rural renewable energy deployment	2024	Research Manager, RTIP, CPUT
22	Mohamed Ahlimat :Multivariable controller design and implementation of minigrd power converters	2023	Doctoral Student
23	Krytsman Jooste	2024	Doctoral Student
24	Floyd Mabiale	2024	Doctoral Student
25	Hlonela Gesha	2024	Doctoral Student
26	Oyewole Ayodele	2023	Doctorate Completed
27	Xolisa Koni	2025	Doctoral Student
28	N. Dhansay, Completed most of his thesis work but died before submission in 2011		Doctoral Studnt
29	Ahmed Zentani	2025	Doctorate Completed
30	Prosper Ngongo	2024	Doctoral Student
31	Wendal Koopman	2026	prospective student

