



**DURBAN UNIVERSITY OF TECHNOLOGY**  
**INYUVESI YASETHEKWINI YEZOBUCHWEPHESHE**

**INTERNAL AND EXTERNAL APPLICATIONS ARE INVITED FROM INTERESTED PERSON(S) FOR THE UNDER MENTIONED POST.**

## **ACADEMIC POSITIONS (6)**

**Department: Electronic and Computer Engineering**

*Durban University of Technology (DUT) is located on the warm east coast of South Africa. It sprawls over seven (7) campuses in tropical and picturesque Durban, and in Pietermaritzburg, with its undulating hills that flow over from the Drakensberg Mountain. According to our ENVISION2030 strategy, DUT's DNA has two strands, namely 'people-centred and engaged' and 'innovative and entrepreneurial'. These are interwoven intrinsically by a number of double pairs consisting of 'values and principles' that bind our double-helix together. The extrinsic expression of our DNA is via The DUT-Way; which demonstrates our collective character and behaviour. The University's ultimate goal is to contribute towards improving the lives and livelihoods of all its people, both internal and external. DUT consistently strives towards excellence and greatness in teaching-learning and in research-innovation; something that has been recognized recently when The Times Higher Education's World University Rankings placed DUT within the top 500 of Universities in the world and within the top 5 universities in South Africa. The enactment of these internationally recognized strengths is demonstrated in our impactful engagement internally and externally in service of our localities, the region and the country at large*

### **PROFESSOR (Ref. No. E343)**

#### **Minimum Requirements**

- PhD or equivalent NQF level 10 qualification in Engineering, with an undergraduate qualification in Electronic, Computer, or Mechatronic Engineering.
- At least 10 years of teaching/professional experience,
- Evidence of a sustained scholarly track record in the form of international peer-reviewed publications, with at least 10 DHET-accredited research outputs in the past 3 years.
- Evidence of sustained successful postgraduate supervision at Masters and Doctorate level, with at least 3 Doctoral and 5 Masters students supervised to completion.
- Experience in general electronic and/or computer engineering including control and/or mechatronic systems, embedded systems, and engineering design.
- Evidence of sustained external funding.

### **ASSOCIATE PROFESSOR X2 (Ref. Nos. E504 & E509)**

#### **Minimum Requirements**

- PhD or equivalent NQF level 10 qualification in Engineering, with an undergraduate qualification in Electronic, Computer or Mechatronic Engineering.
- At least 7 years of teaching/professional experience.
- Evidence of sustained peer-reviewed publications, with at least 7 DHET-accredited research outputs in the past 3 years.
- Evidence of sustained successful postgraduate supervision, with at least 1 Doctoral and 2 Masters students supervised to completion.
- Experience in general electronic and/or computer engineering including control and/or mechatronic systems, embedded systems, and engineering design.
- Evidence of sustained external funding.

## SENIOR LECTURER X2 (Ref. Nos. E519 & E346)

### Minimum Requirements

- PhD or equivalent NQF level 10 qualification in Engineering, with an undergraduate qualification in Electronic, Computer or Mechatronic Engineering.
- At least 5 years of teaching/professional experience.
- Evidence of research and postgraduate supervision, with at least 3 DHET accredited publications in the past 3 years.
- Experience in general electronic and/or computer engineering including control and/or mechatronic systems, embedded systems, and engineering design.
- Evidence of some external funding.

## LECTURER (Ref. No. EE01)

### Minimum Requirements

- MEng or equivalent NQF level 9 qualification in Engineering, with an undergraduate qualification in Electronic, Computer or Mechatronic Engineering.
- At least 3 years of teaching/professional/industrial experience.
- Evidence of emerging research and publication record.
- Experience in general electronic and/or computer engineering including control and/or mechatronic systems, embedded systems, and engineering design.
- Required to currently be pursuing or immediately pursue a doctoral qualification in engineering.

### Additional

- Good communication and lecturing skills.
- A strong passion for teaching and research.
- Professional registration with ECSA.
- Good research track record or relevant research experience and an ability and desire to advance research development in the department.
- NRF rating
- Specialization in Embedded Systems and Computer Architecture, Machine Learning and Artificial Intelligence, Electronics and Power Electronics.

### Summary of Duties

- Teaching, assessing and supervision at all relevant levels.
- Responsible for at least two modules per year in accordance with fair workload distribution.
- Development of learning materials for different courses.
- Supervise BEng Tech design projects and be actively involved in research and/or post-graduate supervision in the department.
- Assist with administrative and other duties as prescribed by the Head of Department or representative as delegated.
- To serve as chair of a specialty area on a rotational basis.
- To contribute/lead curriculum design.
- To assist the department in the delivery of quality teaching and learning.
- To be able to lecture at least one BEng Tech Honours level module a semester part-time after hours once a week.

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**Contact Person:** PF. Zulu

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**Publication:** Internal and External

Please complete an official application for employment form obtainable from our website [www.dut.ac.za](http://www.dut.ac.za) and send a detailed covering letter with the exact name of the post you are applying for and certified copy of the highest qualification to: [careers@dut.ac.za](mailto:careers@dut.ac.za)

1. Communication will be entered into with short-listed candidates only.
2. Only applications made on our application for employment form would be considered.
3. Please quote the post reference number in the email subject line.

**Closing date: 05 October 2023**