

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution.

For the Lecturer position only, preference will be given to applicants from designated groups in accordance with our Employment Equity Plan.

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE
PROFESSOR/ASSOCIATE PROFESSOR/SENIOR LECTURER/LECTURER (POWER ELECTRONICS)
SCHOOL OF ENGINEERING
HOWARD COLLEGE CAMPUS

REF NO.: ENG01/2021

This position is in the specialist area of Power Electronics. The incumbent will be required to teach undergraduate courses (such as power electronics), develop independent research programmes, supervise research and undertake administrative duties.

S/he will report to the Academic Leader: Electrical, Electronic & Computer Engineering.

Minimum requirements:

All applicants must have a BSc(Eng) degree or its equivalent in the relevant discipline. In addition, the following apply to each of the levels indicated below.

Professor:

- A PhD in Electrical Engineering
- Experience in Power Electronics, either University teaching or relevant mentorship experience in an industrial or research environment
- A recognized leader in the field of specialization with an extensive and current research and publishing record in DoHET accredited journals and peer reviewed conference proceedings
- A successful post graduate supervision record at PhD and Masters level
- A proven record of sourcing research funding
- Management and leadership experience in an academic or research environment
- Developed a network of research collaborations nationally and/or internationally.

Associate Professor:

- A PhD in Electrical Engineering
- Experience in Power Electronics, either University teaching or relevant mentorship experience in an industrial or research environment
- A current record of research as evidenced by publications in DoHET accredited journals and peer reviewed conference proceedings
- Successful post graduate supervision or extensive mentorship in an industrial or research environment
- A proven record of sourcing research funding.

Senior Lecturer

- PhD degree in Electrical Engineering
- Experience in Power Electronics, either University teaching or relevant mentorship experience in an industrial or research environment
- A current record of research as evidenced by publications in DoHET accredited journals and peer reviewed conference proceedings
- Successful post graduate supervision or extensive mentorship in an industrial or research environment.

Lecturer

- A Masters degree in Electrical Engineering
- Experience in Power Electronics, either University teaching or relevant mentorship experience in an industrial or research environment
- Evidence of research potential supported by current either publications in DoHET accredited journals or peer reviewed conference proceedings

The successful candidate at Lecturer level will be expected to complete a PhD within 5 years of date of assumption of duty.

This appointment will be made in line with the University Guidelines/benchmarks which are available on the University Vacancies website on <http://vacancies.ukzn.ac.za/Academic-Process-Proc-Guides.aspx>

Enquiries and details regarding this post, as well as requests for a job profile may be directed to the Academic Leader, Professor T Walingo, e-mail: Walingo@ukzn.ac.za

Appointment to this position will be on the January 2018 Conditions of Service.

The total remuneration package offered includes benefits.

The closing date for receipt of applications is 15 February 2021.

Applicants are required to complete the relevant application form which is available on the Vacancies website at www.ukzn.ac.za. Applicants MUST please indicate the level they wish to be considered for. Completed forms AND Curriculum Vitae may be sent to Recruitment-aes@ukzn.ac.za. Advert Reference Number must be clearly stated in the subject line.