The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution. Preference will be given to applicants from designated groups in accordancewith our Employment Equity Plan.

<u>Applicants who had previously applied need not to re-apply, as their applications will be considered.</u>

<u>COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE</u>

RE-ADVERTISEMENT

PROFESSOR/ASSOCIATE PROFESSOR/SENIOR LECTURER/LECTURER (AGRICULTURAL/BIORESOURCES ENGINEERING) SCHOOL OF ENGINEERING PIETERMARITZBURG CAMPUS

REF NO.: ENG02/2022

The School of Engineering strives to develop a culture of high performance, collaboration and respect that attracts and nurtures exceptional talent to deliver excellence. This position in Agricultural/Bioresources Engineering will preferably be filled by an incumbent with specialist expertise and experience in one or more of the following fields: Agricultural Machinery, Power and Traction; Environmental and Ecological Engineering; and Electrical and Electronic Engineering applications in agriculture fields. The incumbent will be required to teach the Power and Traction for Agriculture Machine, Engineering Design and Agricultural Mechanisation modules, secure funding to develop independent research programs, supervise postgraduate research, undertake administrative duties, participate actively in the local and international Agricultural Engineering community, and contribute to the profession.

The University of KwaZulu-Natal has been ranked among the top 400 best performing universities globally according to the latest 2021/2022 Times Higher Education (THE) rankings.

You will be part of a team working on visionary research to address current engineering challenges facing our society and outstanding teaching that guides the development of creative and critically thinking engineering graduates in a dynamic learning environment.

 The incumbent will report to the Academic Leader: Cluster Agricultural Engineering, Civil Engineering and Land Surveying.

Minimum requirements:
All applicants must have a BSc(Eng) or BEng degree in Agricultural/Bioresources Engineering or any other closely related and appropriate engineering field. In addition, the following criteria apply to each of the levels indicated below.

Professor:

- A PhD in Agricultural Engineering or closely related engineering discipline related to the abovementioned areas of speciality

- Experience in teaching at tertiary institutions.

- A recognized leader in the field of specialization with an extensive and current research and publishing record in DoHET accredited high quality journals and peer reviewed conference proceedings
- Successful supervision of MSc and PhD students
- Demonstrated ability to attract external research funds
- Evidence of strong academic leadership
- Developed a network of research collaborations nationally and/or internationally
- Involvement in the technical activities of the local and international engineering community
- Registered as a Professional Engineer with the ECSA or eligible for such registration

Associate Professor:

- A PhD in Agricultural Engineering or closely related engineering discipline related to the abovementioned areas of speciality
- Experience in teaching at tertiary institutions
- A current record of research as evidenced by publications in DoHET accredited high quality journals and peer reviewed conference proceedings
- Successful supervision of postgraduate students including PhD students
- Demonstrated ability to attract external research funds
- Registered as a Professional Engineer with the ECSA or eligible for such registration

Senior Lecturer

- A PhD in Agricultural Engineering or closely related engineering discipline related to the abovementioned areas of speciality
- Experience in teaching at tertiary institutions or relevant mentorship experience in an industrial or research environment
- A current and sustained research publication record in peer-reviewed ISI/DoHET accredited journals appropriate for the level
- Successful postgraduate supervision or extensive mentorship in an industrial or research environment
- Demonstrated ability to attract external research funds
- Registered as a Professional Engineer with the ECSA or eligible for such registration

Lecturer

- A Master degree in Agricultural Engineering or closely related engineering discipline related to the abovementioned areas of speciality

- Two years post Masters research experience
- Current research activity as evidenced by a quality publication in peer-reviewed journals
- Demonstrable ability to teach at a tertiary level
- Registered as a Professional Engineer with the ECSA

A successful candidate at the Lecturer level will be expected to complete a PhD within 5 years of the 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 Mohamed Mostafa at e-mail: mostafam@ukzn.ac.za or Professor Tilahun Seyoum Workneh at e-mail: Seyoum@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 30 September 2022.

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.