

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 accordance with our Employment Equity Plan.

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**PROFESSOR/ASSOCIATE PROFESSOR/SENIOR LECTURER/LECTURER (IRRIGATION
ENGINEERING AND SOIL & WATER CONSERVATION ENGINEERING)
SCHOOL OF ENGINEERING
PIETERMARITZBURG CAMPUS**

REF NO.: ENG19/2022

The school 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 Irrigation Engineering and Soil & Water Conservation Engineering. The incumbent will be required to teach Irrigation Engineering, Soil and Water Conservation Engineering and other related agricultural engineering undergraduate 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 current and sustained research publication record in peer-reviewed ISI/DoHET accredited journals appropriate for the level of appointment.
- Evidence of strong academic leadership in an academic or research environment.
- A record of supervision of postgraduate students across the spectrum, including supervision of PhD student.
- Demonstrated ability to attract external research funds.
- 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 and sustained research publication record in peer-reviewed ISI/DoHET accredited journals appropriate for the level of appointment.
- A record of supervision of postgraduate students across the spectrum, including supervision of PhD student.
- Demonstrated ability to attract external research funds.
- Registered as a Professional Engineer with the ECSA or eligible for such registration.

Senior Lecturer

- A PhD degree 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.
- Successful postgraduate supervision or extensive mentorship in an industrial or research environment.
- A current and sustained research publication record of publications in peer – reviewed ISI/DoHET accredited journals appropriate for the level of appointment.
- participated as a team member in a grant, or have submitted applications for grants as Principal Investigator.
- 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 16 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.

Kindly note that the University of KwaZulu-Natal ("the University") is required to process any Personal Information (as defined by the Protection of Personal Act, 2013 "POPIA") submitted by candidates when applying for positions at the University. The provision of the Personal Information is a requirement in terms of the University's recruitment and selection process. The retention of any personal information is as a consequence of the University being bound by legislative requirements and / or good governance practices as well as record keeping for statistical purposes. The University will endeavour to ensure that the appropriate security measures are in place and implemented for both electronic and paper-based formats that are used for processing of the personal information recorded through this recruitment and selection process.