

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
(THERMOFLUIDS AND AEROSPACE)
SCHOOL OF ENGINEERING
HOWARD COLLEGE CAMPUS**

REF NO.: ENG11/2017

This position is in the area of Thermofluids and Aerospace. The incumbent will be required to teach undergraduate courses, conduct practicals, and carry out administrative duties within the Discipline. S/he will also be required to conduct research and supervise undergraduate and postgraduate research projects in the field of aerospace engineering, with an emphasis on rocket propulsion systems.

The incumbent will report to the Academic Leader: Mechanical Engineering.

Minimum Requirements:

All applicants must have a BSc(Eng) degree in in Mechanical or Aeronautical Engineering. In addition, the following apply to each of the levels indicated below.

Professor:

- A PhD in an appropriate area
- Teaching experience in a tertiary institution
- 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
- Experience in design and testing of aerospace propulsion systems

Associate Professor:

- A PhD in an appropriate area
- Experience in 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
- Experience in design and testing of aerospace propulsion systems

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 G Bright, on 031 260-1275 or e-mail brightg@ukzn.ac.za

Appointment to this position will be on the January 2012 Conditions of Service.

The total remuneration package offered includes benefits.

The closing date for receipt of applications is 30 September 2017.

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.

Avert Reference Number must be clearly stated in the subject line.