**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.**

**APPLICATIONS ARE INVITED FROM ALL INTERESTED ELIGIBLE REGISTERED**

**POSTGRADUATE STUDENTS**

**COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE**

**TEACHING ASSISTANTS IN MECHANICAL ENGINEERING (5 POSTS)**

 **5 MONTH AD HOC APPOINTMENT**

**(1 FEBRUARY 2025 to 30 JUNE 2025)**

**SCHOOL OF ENGINEERING**

**HOWARD COLLEGE**

**REFERENCE NO: Mech Eng 1/2025**

The Discipline of Mechanical Engineering, located in the School of Engineering, has fixed term positions available to support its teaching and learning requirements in the modules Engineering Drawing (ENME1DR, 3 posts), Strength of Materials II (ENME3ST, 1 post), Thermofluids (ENME2TF, 1 post). The successful candidate(s) appointed to these *ad hoc* positions will be required to undertake the following duties in each subject as well as assist by supporting a project in Design & Research Project (ENME4PD):

In Engineering Drawing (ENME1DR):

* Prepare course material
* Give lectures and tutorials
* Conduct assessments and undertake administrative tasks related to the module
* Provide students with academic support and fulfil any other duties, as assigned, for the module.

In Strength of Materials II (ENME3ST):

* Prepare course material for online teaching
* Give tutorials and assist with practicals
* Conduct assessments and undertake administrative tasks related to the module
* Provide students with academic support and fulfil any other duties, as assigned, for the module.

In Thermofluids (ENME2TF):

* Prepare course material for online teaching
* Give lectures and tutorials
* Lead practicals
* Conduct assessments and undertake administrative tasks related to the module
* Provide students with academic support and fulfil any other duties, as assigned, for the module.

In the Design & Research Project (ENME4PD):

* Supervise a group of undergraduate students in the final year design project
* Generate suitable project topics and allocate responsibilities to group members
* Provide supervision to student groups to ensure learning in all areas of ENME4PD, as described in the CAES Handbook, and in conformance with ECSA Graduate Attributes
* Respond to student queries, provide academic guidance and maintain contact with students through means including Moodle, email and face-to-face meetings
* Ensure fabrication activities are carried out safely, timeously and effectively
* Monitor budgets and ensure compliance with university procurement procedures
* Conduct assessments including marking of reports and administration of results

**MINIMUM REQUIREMENTS:**

* Registered postgraduate student in Mechanical Engineering
* BScEng degree in Mechanical Engineering
* Experience in teaching or tutoring at a tertiary institution;
* Competence in the relevant area and appropriate software packages.

Enquiries and details regarding the post may be directed to The Academic Leader Prof Glen Snedden email: sneddeng@ukzn.ac.za. Tel. 031 260 1215.

**REMUNERATION:**  Remuneration is in accordance with the University’s student rates of pay.

**The closing date for receipt of applications is 31 January 2025**

**Applicants are required to submit a detailed CV and covering letter highlighting their experience in meeting each of the minimum requirements as listed above. Application documentation, clearly indicating the reference no and the module applied for, must be emailed to the discipline administrator, email:** **naickerk13@ukzn.ac.za** **before the closing date.**

**The University reserves the right not to make an appointment to this advertisement.**

*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 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. We refer you to the University’s relevant Section 18 notice at*<http://vacancies.ukzn.ac.za/Libraries/General_Documents/Section_18_Notice_-_Employees_and_Potential_Employees.sflb.ashx>