

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**

**POST DOC RESEARCH – NANO-COMPOSITES (1 POST)**

**1 JAN 2022- 31 DEC 2022**

**SCHOOL OF ENGINEERING**

**HOWARD COLLEGE CAMPUS**

**REFERENCE NO.: ENG/ PostDoc MechEng 5 - 2022**

The following Post Doc opportunity is available to support activities in the Discipline of Mechanical Engineering:

Research area: Manufacture and mechanical properties of nanocomposites based on carbon nanotubes and research on wind energy involving design of wind turbines. The applicant is required to conduct both theoretical and experimental studies in these areas.

The successful applicants will be expected to engage in **full-time** postdoctoral studies under the supervision of a member or members of the academic staff in Mechanical Engineering.

**Minimum Requirements:**

- A doctoral degree obtained in the last three years in a discipline relevant to the topic of the Chair (such as Mechanical Engineering or similar)
- Applicants must be under the age of 45 years
- Must be based at UKZN for the duration of the scholarship.

The Chair is committed to equity and transformation. Applications from previously disadvantaged population groups and persons with disabilities will be viewed favourably.

Comprehensive applications are invited, comprising of

- A letter of motivation, including the earliest possible starting date
- An up-to-date CV
- Contact details of two academic referees
- A two-page summary of your current and future research interests
- Record of transcripts
- An example of your academic writing skills, by either providing an article or chapter of your PhD thesis
- Copy of ID / permanent residency document. Foreigners must be in possession of relevant permits.

**CLOSING DATE FOR APPLICATIONS:** 6 December 2021

Applications must be sent to the administrator Mrs Kogie Naicker, [naickerk13@ukzn.ac.za](mailto:naickerk13@ukzn.ac.za). indicating the reference number in the email's subject line. Late applications will not be considered. Successful individuals will be contacted on 7 December 2021. An online interview will take place.

Any questions can be raised by contacting Professor Glen Bright, [brightg@ukzn.ac.za](mailto:brightg@ukzn.ac.za). The Chair reserves the right not to make an appointment to this advert.

The successful incumbent will be expected to complete an employment form for the Human Resources Division. This will enable the incumbent to access facilities such as parking discs, personalised e-mail address as well as receive his/her monthly payment timeously.