

**The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representativity 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**

**RESEARCH ASSISTANT (1 POST)  
Six Month Appointment  
SCHOOL OF ENGINEERING  
HOWARD COLLEGE CAMPUS**

**REFERENCE NO.: EFML/02/2023**

The Research Assistant opportunity is available to support the research activity: "Development of Small Multi-Chamber Oscillating Water Columns" in the Environmental Fluid Mechanics Lab within the School of Engineering.

The incumbent is expected to plan, manage and oversee the design and construction of Multi-Oscillating Water Chambers and sundry equipment. S/he will Design and conduct experiments on wave-energy conversion within the Multi-Oscillating Water Chambers. Further, s/he will perform data analyses and modelling using robust statistical methods using various computational programming (for example, but not limited to R and Python)

The incumbent will report to the Head of the Environmental Fluid Mechanics Lab.

**Minimum Requirements:**

- An MSc in Civil Engineering within the last five years.
- Relevant research experience/exposure to ocean renewable energy-based projects.
- Experience in data analyses and programming (for example, but not limited to R and Python)

The research assistant is for six (6) months and will be based at UKZN. This is funded through the project: *Development of Small Multi-Chamber Oscillating Water Columns*.

Standard University rates of pay will apply.

Applicants are required to submit the following documents in a single pdf to [pringlej@ukzn.ac.za](mailto:pringlej@ukzn.ac.za).

- (i) a cover letter highlighting their experience in meeting each of the minimum requirements listed above.
- (ii) a detailed CV
- (iii) contact details for three referees
- (iv) a certified copy of the applicant's MSc award letter/relevant evidence of pending completion.

Enquiries and details regarding the post may be directed to the Environmental Fluid Mechanics Lab leader Dr Justin Pringle, email: [pringlej@ukzn.ac.za](mailto:pringlej@ukzn.ac.za). Tel. 031 260 1151

**The closing date for receipt of applications is Wednesday, 04 October 2023**

**Late applications will not be considered. Successful individuals will be contacted accordingly. Should you not receive a reply or update by 20 December 2023, kindly consider that your application has not been successful. 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>*