

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

**RESEARCH ASSISTANT (1 POST)
(12 -MONTHS FIXED TERM APPOINTMENT)
SCHOOL OF ENGINEERING
CENTRE FOR POWER AND ENERGY SYSTEMS
WESTVILLE CAMPUS**

REFERENCE NO.: REACH/04/2026

The Centre for Power and Energy Systems invites applications from suitably qualified candidates for a fixed-term appointment as a Research Assistant (Electrical/Electronic/Computer Engineer) for the project titled: "**Resilient Energy Access Through Community-Driven Holistic Development in Perovskite Solar Module Manufacturing.**"

The incumbent will be focusing on outdoor performance testing of Perovskite Solar Modules, Development and maintenance of a test rig, monitoring of temperature, power output, and environmental parameters. S/he will contribute to reporting and project deliverables and Image capture and processing of solar (Silicon and Perovskite) modules

The incumbent will be based at the Smart Grid Research Building, Westville Campus, within the Centre for Power and Energy Systems. S/he must be available to work from the 1st May 2026 - 30th April 2027.

Minimum Requirements:

- A Master's degree in Electrical/Electronic/Computer engineering
- Experience in an image processing project
- Experience with MATLAB or Python
- Practical experience with hand tools and measurement equipment

Enquiries and details regarding the post may be directed to **Professor L Jarvis** on email jarvis@ukzn.ac.za, with subject titled "**REFERENCE NO.: REACH/04/2026 Post**"

Remuneration will be at the University standard rates of pay.

The closing date for receipt of applications is 13th April 2026.

Late applications will not be considered. Communication will be limited to successful candidates. Should you not receive a reply or update by the 17th April 2026, please consider your application as unsuccessful.

Applicants are required to submit the following documents in a single PDF document to jarvis@ukzn.ac.za (Subject Email Title: RESEARCH ASSISTANT):

- A cover letter highlighting their experience in meeting each of the minimum requirements listed above
- A detailed CV
- Contact details for three referees

- A certified copy of the applicant's MSc degree certificate
- A copy of ID document (or copy of passport in the case of foreign applicants).

The Centre for Power and Energy Systems 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 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.