VAAL UNIVERSITY OF TECHNOLOGY
Inspiring thought. Shaping talent.

INTERNAL & EXTERNAL ADVERTISEMENT

DIVISION: Faculty of Engineering and Technology	DEPARTMENT: Chemical and Metallurgical Engineering

POST: Part-time Lab Assistants – Metallurgical Engineering x 3	POST Nº: PEROMNES GRADE:

JOB DESCRIPTION:

Key performance areas include, but are not limited to:

- Prepare and maintain laboratory equipment
- Assist in upgrading and adapting lab setups to accommodate experimentation where applicable.
- Maintain labs
- Guide students through correct procedures in simulation and fault-finding exercises.
- Support students in project-based learning
- Facilitate access to computing and design environments.
- Maintain detailed records of equipment usage, damage, and maintenance logs, as well as assessment records per experiment.
- Assist lecturers during practical evaluation sessions

APPLICATION CRITERIA:

Qualification and Experience:

- Advanced Diploma/BTech in Metallurgical Engineering
- A minimum of two (2) years of relevant experience in an institute of higher education, OR two (2) years of professional industrial experience.
- Evidence of successful teamwork experience.

Skills:

- A high level of discipline and reliability.
- Excellent communication (report-writing and verbal) skills.
- Experience with Engineering Software Packages, especially:

o MATLAB/Simulink (modelling and control simulation)

- Ability to deploy and automate lab deployments
- Good interpersonal skills (Collegiality, team player and time management).

Problem-solving and critical thinking Skills.

CLOSING DATE FOR APPLICATIONS: 13 November 2026

Application requirements:

1. A fully completed prescribed application form which can be obtained from www.vut.ac.za
2. A detailed curriculum vitae (explicitly stating relevant experience or knowledge in the fields mentioned above)
3. Certified copies of all certificates or degrees
4. A certified copy of your South African identity document
5. Current contact details of referees
6. Applications must be emailed to recruitment10@vut.ac.za. Please quote the post reference and post description in the subject line.
7. No manual applications will be accepted. Incomplete applications, or applications submitted without the application form and required supporting documents, will be disregarded.
8. Only applications submitted using the official VUT application for employment form will be considered.
9. Correspondence will only be entered into with shortlisted candidates. If you do not hear from VUT within 3 months of the closing date, please regard your application as unsuccessful.

Please Note:

- **By submitting your application, you consent to VUT verifying your qualifications and sharing your personal information with the selection panel and other authorised persons involved in the recruitment process. Candidates with foreign qualifications must submit a South African Qualifications Authority (SAQA) certificate of evaluation. VUT is an equal opportunity and affirmative action employer. In compliance with the Employment Equity Act No. 55 of 1998 (as amended), and in line with its Employment Equity Plan and Recruitment Policy, preference will be given to suitably qualified candidates from designated groups, specifically Africans, Coloureds, Indians, women, and persons with disabilities.**
- **VUT reserves the right not to make an appointment**

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