VAAL UNIVERSITY OF TECHNOLOGY

Inspiring thought. Shaping talent.

DIVISION/FACULTY: Engineering and Technology	DEPARTMENT: Electrical Engineering

	Post name:
POST: (Part-time) **Snr Lecturer (2)** **(Post no. 7568)** **Lecturers (6)** **(Post no. 7800)** **Technicians (4)** **(Post no. 7563)**	1. Snr Lecturer: Energy Accounting & Economics 2. Snr Lecturer: Renewable Energy 3. Lecturer: Alternative Energy 2 and 3 4. Lecturer: Computer Aided Design & Projects 1 (Electronics) 5. Lecturer: Engineering Programming 1 and Computer Applications (Computer Systems) 6. Lecturer: Digital Control Systems 1 & 2 7. Lecturer: Digital Systems 3 & 4 (Microprocessors) 8. Lecturer: Network Systems 1 & 2; System Software 1 &2 9. Technician: Electrical Machines Laboratory 10. Technician: Electrical Systems Computer-based Simulation Laboratory (MATLAB, DigSilent etc) 11. Technician: Electrical Power Systems Laboratory 12. Technician: Electronics Laboratories

Snr Lecturer/Lecturer Key Performance Areas include but not limited to:
1. Teaching in the disciplines of power, electronics, process control and computer systems engineering from diploma to masters level where applicable.
2. Supervision of post-graduate research qualifications up to masters level.
3. Research productivity (such as journal articles, book chapters, patents) in the chosen fields of electrical engineering
4. Serving in various administrative committees in the Department
5. Contributing to curriculum development
6. Contributing to quality assurance programmes such as ECSA
7. Creating and maintaining collaborative relationship with the industry
8. Any other relevant duties and responsibilities as assigned by HOD

Technician Key Performance Areas include but not limited to:
1. Conduct laboratory-based teaching and assessments activities for respective modules per assigned laboratory.
2. Assist with the management of the Department's administrative load as assigned.
3. Maintain equipment and supervise use of laboratory equipment by staff and students
4. Provide academic support to learners.
5. Undertake research, consultation and community service projects.

APPLICATION CRITERIA:

Minimum Qualification and Experience: Snr Lecturer & Lecturer
1. Bachelor (BEng/ BTech/ BScEng) and Masters Degrees (MEng/ MTech/ MScEng) in Electrical/Electronics Engineering. And Doctorate for Snr Lecturer
2. Reasonable progress towards attaining a doctoral qualification.
3. Evidence of research productivity in the form of accredited journal articles, peer reviewed conference proceedings, patents etc

4. A minimum of two (2) years (after Masters level) of relevant lecturing experience in the field in an institute of higher education OR five years of professional industrial experience in Electrical/Electronics Engineering
5. Professional registration with Engineering Council of South Africa Evidence of successful teamwork experience

Minimum Qualification and Experience: Technician
1. Advanced Diploma/B. Tech in electrical Engineering (Power, Electronics, Process Control or Computer Systems Engineering
2. Evidence of hands-on experience in conducting and facilitating teaching and assessments in laboratory-based learning
3. Evidence of successful curriculum development and academic management.
4. Evidence of ability to work effectively with colleagues and students.
5. Evidence of active participation in professional industry and community engagement activities.
6. Evidence of knowledge and experience of implementing quality assurance requirements.

Skills and Competencies:
Excellent communication skills, excellent teamwork skills, teaching skills, reflexivity competencies, research skills, competent organisational skills, excellent interpersonal relationship skills in a diverse work environment, presentation skills.

Closing date for applications: 21 December 2023

1. Download the application form for Employment Form available on the VUT website-Vacancies.
2. A detailed curriculum vitae (explicitly stating experience or knowledge in the above-mentioned fields)
3. Certified copies of all academic records and certificates/degrees
4. Certified copy of ID
5. Current contact information of referees.
6. Please email applications to **recruitment2@vut.ac.za** and quote the post reference and description in the subject line.
7. Incomplete applications or applications without the application form and required documents will be disregarded.
8. Communication will be entered into with short-listed candidates only. If you do not hear from VUT within 3 months deem your application as unsuccessful.

Enquiries may be directed to:
HR Business Partner: Ms S Mordaunt, Tel 016 950 9453: sandram@vut.ac.za

Please Note: The application must be accompanied by a CV, identity document and ORIGINAL certified copies (not older than 3 months) of educational qualifications. Submission of such copies entitles Vaal University of Technology to authenticate the qualifications without any further consent from the applicant. Candidates with foreign qualifications must also submit the South African equivalent of the qualification. These qualifications are evaluated by SAQA. Vaal University of Technology is an equal opportunity and affirmative action employer, which is committed to the implementation of its employment equity plan. Therefore, people from designated groups are encouraged to apply. Only shortlisted candidates will be contacted.
VUT reserves the right not to make an appointment.
By applying for this position, you give permission to share your information with the selection panel or relevant people involed in the recruitment process.

If you are not contacted within six weeks after the closing date, please accept that your application was unsuccessful.

POSITIVE ABOUT PEOPLE WITH DISABILITIES