



FACULTY: Engineering and Technology

DEPARTMENT: Electrical Engineering (Process Control)

POST: PART-TIME LECTURER x2

POST N^o:
PEROMNES GRADE:

JOB DESCRIPTION:

Key performance areas include, but are not limited to:

- Lecturing of modules in the discipline, from Diploma to PGD level.
- Teaching in all disciplines in electrical engineering from Diploma to Master's level (Senior Lecturer).
- Supervision of post-graduate research qualifications up to master's level.
- Research productivity (such as journal articles, book chapters, and patents) in the chosen fields of electrical engineering.
- Also serve in various administrative committees in the Department.
- Contributing to curriculum development
- Contributing to quality assurance in the department and programmes.
- Creating and maintaining collaborative relationships with the industry.
- Willingness to undergo short courses for professional development

APPLICATION CRITERIA:

Qualification:

- Master of Engineering Electrical: Process Control Engineering
- First degree must be in Process Control (NQF Level 7)

Experience:

- A minimum of two (2) years of relevant experience after a Master's level in an institute of higher education, OR five (5) years of professional industrial experience.

Skills & Criteria:

- Deep disciplinary expertise in either Process Control Systems, Instrumentation or Industrial Automation.
- Proven research ability, with publications or industrial innovation in process control or embedded systems.
- Strong experience with Engineering Software Packages, especially:
 - MATLAB/Simulink (modelling and control simulation)
 - LabVIEW, PLC programming platforms
 - Must be working on SCADA/DCS.
- Problem-solving and critical thinking Skills.
- Critical thinking and problem-solving skills, especially in interpreting, designing, and improving control strategies, feedback systems, and signal processing applications.
- Understanding of ECSA Accreditation Requirements, Familiarity with Graduate Attributes (GAs), Programme Outcomes (POs), and the ECSA accreditation process for engineering qualifications, Curriculum and Assessment Literacy, Ability to interpret course outcomes, assessments, rubrics, moderation reports, and link them to ECSA's criteria.

NB: Candidates must be willing to work only during normal working hours.

Application requirements

1. A fully completed prescribed application form, obtainable 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 academic records and 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 recruitment2@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 three months of the closing date, please regard your application as unsuccessful.

Enquiries may be directed to:

HR Practitioner: Ms Pinki Motsoetla Tel: 016 950 6645

Please note

- By submitting your application, you consent to VUT verifying your qualifications and sharing your personal information with the selection panel and authorised personnel 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 African, Coloured, and persons with disabilities.
- VUT reserves the right not to make an appointment

