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| DIVISION: Faculty of Engineering & Technology | DEPARTMENT: Electrical Engineering |
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| POST: Senior Lecturer _Process control | POST N°: 0424 PEROMNES GRADE: 07 |
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JOB DESCRIPTION

Key performance areas include but are not limited to:

- Teaching and assessment across Electrical Engineering: Process Control programmes (Diploma to Doctoral level).
- Curriculum development and review within the relevant area of specialisation.
- Contribution to departmental quality assurance processes.
- Compliance with and contribution to ECSA accreditation and regulatory requirements.
- Development, coordination and delivery of Short Learning Programmes (SLPs) in the relevant field.
- Supervision of postgraduate research up to doctoral level (postdoctoral supervision where applicable).
- Research productivity in the relevant discipline, including accredited journal publications, book chapters, and patents.
- Planning, coordination and monitoring of Work Integrated Learning (WIL).
- Industry engagement, including consultancy, partnerships, and collaborative research.
- Participation in community engagement and flagship projects.
- Execution of academic and student administration, including reporting, aligned with the role.
- Service on departmental, faculty and institutional committees.
- Performance of ad hoc duties as assigned by the line manager.

APPLICATION CRITERIA :

SENIOR LECTURER :

Criteria A (Qualification):

- PhD/Doctorate in Electrical Engineering: Process Control Engineering.
- Master's Degrees (MEng/ MTech/ MScEng, NQF9) in Electrical Engineering: Process Control Engineering.
- Bachelor (BEng/ BTech/ BSc Eng, NQF8) in Electrical Engineering: Process Control Engineering.
- Eligibility for registration with ECSA under professional engineering or technologist category. (ECSA registration is compulsory for applicants with foreign qualifications).

Criteria B (Experiences):

- A minimum of three years of relevant teaching experience at lecturer level in an institution of higher education (full time) - Deep discipline expertise in either Process Control Systems, Instrumentation or Industrial Automation.
- At least one full research output unit (based on past six years).
- Strong experience with Engineering Software Packages, especially:
 - MATLAB/Simulink (modelling and control simulation)
 - LabVIEW, PLC programming platforms
 - Must be working on SCADA/DCS.
- Proven track record of research publications in accredited journals.
- Proven record of supervision/co-supervision of Master's and Doctoral students.
- NRF-rating is an advantage.
- Evidence of external engagement (one activity).
- Evidence of active participation in professional, industry and/or community activities.

- Knowledge and experience of implementing quality assurance requirements.
- Evidence of research leadership, attracting external funding is an advantage.
- Evidence of international collaboration is an advantage.
- Experience in the initiation and implementation of post-graduate research programmes/ projects is an advantage.
- Liaison with industry including consultation work.
- Evidence of development and management of SLPs is an advantage.
- Record of external fund attraction is an advantage.

Skills and Competencies:

Excellent communication and presentation skills, excellent teaching skills, planning and organising skills, conceptual skills, analytical ability, interpersonal skills and problem-solving skills, computer literacy skills.

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| CLOSING DATE FOR APPLICATIONS: 07 July 2026 |
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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 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 African, Coloured, and persons with disabilities.**

VUT reserves the right not to make an appointment.

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 the relevant people involved in the recruitment process.

