

VACANCY BULLETIN

Senior Lecturer

Department Electrical Engineering

Post level: 07

Ref: 24/960b2

The Department of Electrical Engineering has a permanent position for a Senior Lecturer in the field of Electrical Engineering or Electronic Engineering with specialization in *Signal Processing and Scientific Computing* at the Pretoria Campus.

Critical Performance Areas

- Play a role in quality teaching and learning with technology in the domain of Signal Processing and Scientific Computing
- Lead and participate actively in subject and curriculum committees.
- Responsible and play a prominent role in the compilation and maintenance of quality study guides, laboratory guides, subject files, and other Teaching and Learning with Technology materials. Role also includes mentorship, quality audits, constant revision and update of materials in line with industry norms and engineering council regulations.
- Participate and play a leading role in departmental, faculty, and institutional initiatives.
- Lead project activities at relevant Centres, Institutes and Research Niche Area.
- Known to industry as a regional expert capable of solving industrial problems.
- Liaison with industry on course and subject levels regarding curriculum, visits, research, and other interactions.
- Lead the development and presentation of Short Learning Programmes to assist industries with skills and development needs.
- Participate in securing significant projects and external funding for research and innovation.
- Responsible for independent research and innovation projects and associated funding.
- Contribute to research and innovation, strategic direction determination, and mentoring in the machines and power electronics niche area and associated fields.
- Lead research and innovation activities at the Technology Stations, Centres, Institutes and Research Niche Areas,
- Produce at least 1.5 research output units per year.
- Supervision of postgraduate students including the doctoral level.
- Member of sub-committees of professional bodies and societies.
- Lead and participate in community engagement projects.

Minimum Requirement

1. Academic qualifications:

- A Doctorate Degree in Electrical Engineering or Electronic Engineering with specialization in Signal Processing and Scientific Computing (NQF Level 10).



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2. Experience:

- Three (3) years of relevant experience at lecturer level.
- Records of accomplishment of supervision of students at the Master's and Doctorate Level will be an advantage
- Contribution to academic/research outputs in accredited journals and peer-reviewed conferences will be an advantage.
- Evidence of attracting external funding for research projects will be an advantage Evidence of industry liaison and involvement in Centres, Institutes and Technology Stations, will be an advantage.
- Involvement in the development of new curriculum will be an added advantage.
- Demonstrating practical experience through successful projects in the field of Signal Processing and Scientific Computing will be an advantage.

3. Knowledge and Skills:

- Versatile in Signal Processing and Scientific Computing.

4. Registration with professional body (if applicable):

- Registration with ECSA in the appropriate professional category will be an advantage.

Send your CV to: recruitment11@tut.ac.za

(Please include recently certified copies of your academic records, certificate of qualification(s) and certificate of registration with professional body with your application. Foreign qualifications must be accompanied by certified SAQA evaluation certificate). *(Please complete scoresheet for Senior Lecturer, along with your application and supporting evidence)*

Enquiries: Prof TO Olwal

Tel: 012 382 4820/5880

email: olwalto@tut.ac.za

Closing Date: 10 August 2025

If we have not responded within a month from the closing date, please consider your application unsuccessful. Correspondence will only be conducted with shortlisted candidates. The University reserves the right not to make an appointment.

Please attach the completed application form, certified copies of your ID, qualifications, and relevant certificates together with your CV. The application form is available on the university website.



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ADDENDUM B GUIDELINE SCORE SHEET FOR SENIOR LECTURER

This score sheet can be used as a **guideline** to determine whether a person has the potential to be considered for a Senior Lecturer. A minimum of 50% in at least categories 3, 4 and 5 is required. A candidate with a total score of 50 points out of a possible 84 points can be considered for promotion to senior lecturer.

	CATEGORY	Weights	Maximum score	Score
1	Qualifications		4	
	A doctoral degree in the relevant field of study or a master's degree and chartership as approved by Senate	3	3	
	Formal teaching qualification	1	1	
2	PROFESSIONAL		1	
	Membership: Academic/research association/ETQA, professional board/council (1 point per membership to maximum of 3)	1 x 1	1	
3	TEACHING, ASSESSMENT AND MANAGEMENT/LEADERSHIP		37	
	Teaching (1 point per subject)	1 x 10	10	
	Curriculum development (1 point per subject)	1 x 4	4	
	External examiner or moderator for HEI (1 point per subject)	1 x 5	5	
	Marker/examiner/moderator for professional bodies/exam committees (1 point per exam)	1 x 4	4	
	Course /qualification coordinator (2 points per course/qualification)	2 x 2	4	
	Subject head/coordinator (1 point per subject)	1 x 5	5	
	Section head (3 points) / HOD (5 points)	1 x 5	5	
4	RESEARCH AND INNOVATION OUTPUTS		35	
	Accredited journal articles as subsidised by DHET (3 points per article) co-author/ author	3 x 4	12	
	Non-accredited, peer reviewed journal articles (1 point per article)	1 x 3	3	
	Conference proceedings and/or presentations at conferences (1 point per paper to a maximum of 5)	1 x 5	5	
	Other (artistic and innovation outputs, patents, books/chapters etc.) (1 point per output)	1 x 5	5	
	Supervised/co-supervised master/doctorate (2 points per student)	2 x 4	8	





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	Assessor/examiner: master/doctorate (2 points per assessment)	1 x 2	2	
5	COMMUNITY ENGAGEMENT		5	
	Participation in community projects (1 point per project) and/or industry involvement	1 x 5	5	
6	GRANTS AND AWARDS		2	
	Awards/prizes/grants (1 point per award/prize/grant)	1 x 2	2	
	Total		84	

To qualify for promotion to Senior Lecturer:

1. A candidate should obtain at least 50 points to be considered for promotion and
2. Candidate should obtain at least 50% in sections 3, 4 and 5

