



**Tshwane University
of Technology**

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VACANCY BULLETIN

**ASSOCIATE PROFESSOR
DEPARTMENT OF COMPUTER SYSTEMS ENGINEERING
FACULTY OF ICT
SOSHANGUVE SOUTH CAMPUS
Ref: 24/301b**

The Department of Computer Systems Engineering in the Faculty of ICT has an Associate Professor position available at the Soshanguve South campus.

Key performance areas/Core functions:

1. Teaching and Instructional Responsibilities:

- Develop and deliver lectures in Computer Systems Engineering at both undergraduate and graduate levels.
- Design, update, and enhance course curricula, incorporating contemporary practices and technological advancements in the field.
- Supervise and mentor students in their academic projects, theses, and dissertations.
- Conduct assessments, grade assignments, and provide constructive feedback to students.

2. Research Contributions:

- Engage in cutting-edge research in Computer Systems Engineering, contributing to advancements in the field.
- Publish research findings in reputable academic journals and present at conferences.
- Secure research funding through grants and collaborations.
- Supervise and guide research students and postdoctoral fellows.

3. Academic Service and Committee Participation:

- Participate in departmental, college, and university committees.
- Contribute to the development and implementation of academic policies and procedures.
- Engage in accreditation processes and curriculum review.
- Actively participate in departmental and university events and activities.

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4. Professional Development and Collaboration:

- Stay abreast of the latest developments in Computer Systems Engineering through continuous learning and professional development.
- Collaborate with industry professionals and academic peers for knowledge exchange and joint research projects.
- Attend workshops, seminars, and conferences relevant to the field.

5. Student Guidance and Support:

- Provide academic advising and career guidance to students.
- Support students in internships, job placements, and professional networking.
- Encourage and facilitate student participation in conferences, workshops, and competitions.

6. Community Engagement and Outreach:

- Participate in community engagement initiatives that promote the field of Computer Systems Engineering.
- Collaborate with local industry and community groups to apply academic knowledge to real-world problems.
- Engage in public speaking and educational outreach activities to promote STEM education.

7. Administrative Responsibilities:

- Participate in the management of departmental resources and budgeting.
- Contribute to the recruitment and retention strategies of the department.
- Ensure compliance with university regulations and standards in teaching and research activities.

8. Innovation and Curriculum Development:

- Innovate teaching methods and incorporate technology-enhanced learning.
- Regularly update course content to align with industry trends and technological advancements.

Minimum Requirements

1. Academic qualifications:

- A relevant doctoral degree (NQF10) in the field of Computing (PhD or DComp with specialisation in Computer Systems Engineering) or in the field of Engineering (PhD or DEng with specialisation in Electronics).

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2. Experience:

- Five (5) years teaching experience at Senior Lecturer level.
- Proven record of supervision of Masters' and Doctoral students.
- Proven track record of research publications in accredited journals.
- Evidence of presentation of academic papers at local and international conferences.
- An NRF research rating is strongly recommended.

3. Knowledge and skills

- Management experience in an academic environment would be a strong recommendation.

4. Registration with professional body (if applicable):

- ECSA registration and other academic registrations e.g. IEEE membership are strong recommendations.

Send CVs to: RecruitmentFolCT@tut.ac.za

Enquiries: Prof P Owolawi – (012) 382-9671

Closing date: 12 August 2024

If we have not responded within a month of the closing date, you should regard your application as unsuccessful. Correspondences will be entered into only with short-listed candidates. The University reserves the right not to make an appointment. It is the intention of the university to promote representatively in respect of race, gender and disability through the filling of these posts. Preferences will be given to candidates from the designated groups.

Candidates are also required to complete the application form for employment. The application is available on the University's website, share point and the University's intranet.

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**PLEASE SUBMIT YOUR CV AND COMPLETE THE BELOW ATTACHED TEMPLATE
NB: PLEASE COMPLETE THE ATTACHED SCORESHEET BY PROVIDING
DOCUMENTARY EVIDENCE FOR EACH RATING YOU GIVE YOURSELF. PLEASE
EMBED/ATTACH THE EVIDENCE ON THE SCORESHEET.**



Professorship
assessment criteria f

TSHWANE UNIVERSITY OF TECHNOLOGY TEMPLATE FOR CURRICULUM VITAE ASSOCIATE PROFESSORS/ PROFESSORS

1. PERSONAL DETAILS	
Name	
Surname	
Nationality	
Identity number	
Contact details	
Tel (h)	
Tel (w)	
Cell	
E-mail	

2. EDUCATIONAL QUALIFICATIONS		
YEAR	QUALIFICATION	INSTITUTION

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3. OTHER QUALIFICATION/TRAINING		
YEAR	QUALIFICATION	INSTITUTION

4. PROFESSIONAL ORGANISATIONS/BODIES	
REGISTRATION	ORGANISATION

5. EMPLOYMENT HISTORY			
DATE	ORGANISATION	POSITION	REASON FOR LEAVING
FROM - TO			

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10. STUDY LEADING - COMPLETED

YEAR	DEGREE	FIELD	INSTITUTION

11. ASSESSOR/EXAMINER – THESIS

YEAR	DEGREE	FIELD	INSTITUTION

12. STUDY LEADING - IN PROCESS

YEAR	DEGREE	FIELD	INSTITUTION

13. RESEARCH ACTIVITIES - PUBLICATIONS

YEAR	NAME OF JOURNAL	ACREDITED	
		YES	NO

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14. RESEARCH ACTIVITIES – CONFERENCE PROCEEDINGS				
YEAR	DESCRIPTION		DOUBLE BLIND PEER REVIEWED	
	TITLE OF PAPER	NAME OF CONFERENCE	YES	NO

15. RESEARCH RATING	
YEAR	CATEGORY

16. RESEARCH ACTIVITIES – OTHER	
(e.g. key note address/ plenary speaker /artistic outputs/research awards/research projects/patents/prototypes /exhibitions/ chapters in books/ sole author etc)	

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YEAR	DESCRIPTION

17. GRANTS & AWARDS (RESEARCH & TEACHING)		
YEAR	DESCRIPTION	RAND

18. REVIEW ACTIVITIES	
YEAR	NAME OF JOURNAL/CONFERENCE/BOOK

19. COMMUNITY ENGAGEMENT	
YEAR	DESCRIPTION

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20. OTHER ACTIVITIES	
YEAR	DESCRIPTION

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