



# VACANCY BULLETIN

**Tshwane University  
of Technology**

*We empower people*

**Part Time: 2x Lecturers (2026)  
Faculty of Engineering and the Built Environment  
Department of Chemical, Metallurgical and Materials Engineering  
Pretoria Campus  
Ref: 26/A17**

The Department of **Chemical, Metallurgical and Materials Engineering** require the services of two (2x) Part time Lecturers specializing in numerical methods and computational techniques at the Pretoria Campus.

## **Critical performance arrears**

- BEngTech project problem formulation and scoping
- BEngTech project research design and methodology development.
- BEngTech project student supervision
- Aligning with institutional and accreditation ECSA standards e.g., Assessment design (rubrics for projects, reports, presentations), and ECSA graduate attributes.
- Participating in departmental meetings.
- Responsible for administrative task related to teaching and learning.
- Responsible and play a prominent role in the compiling and maintenance of quality documentations, subject files and other Teaching and Learning with technology materials. Roles also includes mentorship, quality audits, constant revision, and update of materials in line with industry norms and engineering council regulations.
- Participate in and lead departmental, faculty and institutional initiatives in collaboration with Technology Stations, Centres, Institutes and Research Niche Areas.
- Liaise with industry on course and subject levels regarding curricula, visits, research and other interactions.
- Responsible for independent research and innovation projects and associated funding.
- Involvement with Community engagement.

## **MINIMUM REQUIREMENTS**

### **Academic Qualifications:**

- Masters (MEng/MSc/MTech) in Chemical / Metallurgical Engineering (NQF level 9).
- Undergraduate degree in Chemical / Metallurgical Engineering.

### **Experience:**

- 3 years' relevant teaching experience at a tertiary institution and/or 3 years relevant industry experience.
- Experience in the application of Numerical methods and computational techniques
- Experience in the application of simulation tools (e.g., DWSIM, ASPEN Plus, CHEMCAD, Open Foam, COMSOL, MATLAB, Python etc.)
- Academic/research outputs in accredited journals and peer-reviewed conferences.

Women and people with disabilities are encouraged to apply.





# VACANCY BULLETIN

**Tshwane University  
of Technology**

*We empower people*

- Experience with regards to management of academic matters, quality of programs, student affairs and research projects.

## **Knowledge and skills**

- Proficiency in online teaching and learning platforms.
- Ability to perform research, teaching, and administration simultaneously.
- Experience with ECSA Graduate Attributes (GAs)

## **Registration with professional body (if applicable)**

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

Send your CV, academic record, ID/Passport copy and certified copies of your highest qualification to:  
MokaeML@tut.ac.za

Enquiries: Ms. ML Mokae - 012 382 5157 should you require any further details.

Closing Date: 17 April 2026

If we have not responded within a month of the closing date, you should regard your application as unsuccessful. Correspondence will be entered into only with short-listed candidates. The University reserves the right not to make an appointment. Candidates will be required to undergo psychometric tests and any other simulation interventions.

Women and people with disabilities are encouraged to apply.

