

VISION

Shape and own the future

To be a transforming, equitable, sustainable, and academically excellent University of Technology anchored in its communities.



MISSION

To offer technological, career-directed educational programmes focussing on innovative problem-solving research and engage with government, business, industries and communities as end-users.

FACULTY OF ENGINEERING

**RETIRED RESEARCH PROFESSOR – Ref: M501
(TWO-YEAR FIXED TERM CONTRACT)**

Key Performance Areas:

- To conduct research and engage in projects within the faculty in areas that have been identified and produce a minimum of 4.0 DHET Research units per annum.
- Promote and strengthen national and international collaborations and strategic partnerships in the Faculty's areas of expertise, aligned with MUT's Ignite 2026–2030 Strategic Plan.
- To mentor academic staff who are pursuing PhD qualifications in collaboration with their supervisors.
- To assist mentees in the development of co-authored peer-reviewed papers for conference presentations and DHET accredited journals publishing.
- To publish co-authored articles in DHET-accredited journals in the faculty's designated research areas.
- To contribute to any other recognized research outputs of mentees.
- To assist with the writing and submission of funding proposals.
- To assist departments in developing higher degree qualifications.
- To support departments in developing and expanding higher-level qualifications within the NQF and strengthening the Faculty's PQM growth pathway.
- Organise conferences, research days, workshops, and seminars.

Minimum Requirements:

- An appropriate doctoral degree in Engineering or a relevant built-environment, technology or related discipline, with demonstrated research expertise, publications and/or applied research experience in one or more of the following areas: Environmental Pollution and Remediation; Sustainable and Renewable Energy; Artificial Intelligence (AI), Internet of Things (IoT) and related emerging technologies, with clear application to engineering and/or the built environment.

(Applicants from Mechanical Engineering, Electrical Engineering, Chemical Engineering, Civil Engineering, and Construction Management & Quantity Surveying (CM&QS) backgrounds are encouraged to apply, provided they meet the competency requirements below and can demonstrate the relevance of their qualifications, research and professional expertise to the Faculty's academic and strategic priorities.)

- Full Professor/Associate Professor.
- At least 15 years of experience as an academic involved in research.
- At least 15 accredited journal articles.
- Familiar with the SA higher education environment.

Recommendations:

- Demonstrated ongoing research activity.
- Evidence of active research engagement within the past three years, including peer-reviewed journal publications, conference papers, research projects, or other recognised scholarly outputs.
- Continued research leadership and mentorship.
- Evidence of ongoing involvement in research supervision, postgraduate mentorship, research collaboration, grant applications, or the development of research proposals and publications.

Competencies:

- Technical /professional knowledge and extensive research skills.
- Resource Management
- Building strategic national & international alliances and partnerships.
- Personal impact, stature, and credibility.
- Emotional intelligence and political sensitivity.
- Management of complexity and ambiguity.
- Action-oriented.
- Facilitating change.
- Team Player.

Salary Scale: R500 000 basic salary per annum.

Benefits: None

CLOSING DATE FOR APPLICATIONS: 06 November 2026
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Application requirements:

1. A fully completed prescribed application form (downloadable from www.mut.ac.za).
2. A detailed curriculum vitae, explicitly stating relevant experience or knowledge fields mentioned above.
3. Certified copies of all academic qualifications plus academic records, including matric certificate **(please provide academic transcripts and SAQA evaluation certificate if qualifications were obtained outside South Africa)**.
4. Proof of professional registration with a relevant professional body where applicable and copy of a valid driver's license (where applicable).
5. Certified copy of your valid South African identity document.
6. Current contact details of three contactable referees.
7. Applications must be emailed to hr.engineering@mut.ac.za. Please quote the post reference and post description in the subject line.
8. No manual applications will be accepted. Incomplete applications or applications without the application form and required supporting documents will not be considered.
9. Only applications submitted using the official MUT application for employment form will be considered.
10. Only shortlisted candidates will be contacted. If you don't hear from MUT within 3

months, please deem your application unsuccessful.

11. By submitting your application, you consent to MUT verifying your qualifications and sharing your personal information with the selection committee and other authorized stakeholders involved in the recruitment process.
12. Appointment will be subject to verification of qualifications (including SAQA evaluation where applicable), criminal record (SAPS) clearance and reference checks.

Enquiries may be directed to:

Tel: (031) 819 9294

Mangosuthu University of Technology is an equal opportunity and affirmative action employer. In considering candidates for appointment into the advertised post/s, preference will be accorded to persons from designated groups as guided by the approved Employment Equity Plan of the University and in compliance with the Employment Equity Act. 

The University reserves the right NOT to make an appointment.