



#### **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 the innovative problem-solving research and engage with government, business, industries and communities as end-users.

### **FACULTY OF ENGINEERING DEPARTMENT OF ELECTRICAL ENGINEERING**

#### **LECTURER (P8) – Ref: EE01**

#### **Key Performance Areas:**

- Teaching & conducting practical sessions.
- Identifying and specifying modern technical lab equipment and developing lab manuals, course notes & assessing academic students' work at Diploma & higher levels.
- Development of curriculum to align with 4IR international trends.
- Academic student support through progress monitoring & identifying “at risk” students timeously & developing intervention strategies.
- Enforcing the Occupational Health & Safety Act regulations.
- Continuous professional development through keeping abreast with latest developments in Electronic/Communications Engineering.
- Conduct appropriate research, publish results & initiate new research areas in the Department and keep abreast of professional literature.
- Foster team spirit and collaborate with others.
- Contribute to community engagement initiatives, liaise with industry, & facilitate co-operative education initiatives, form industrial alliances & partnerships.
- Perform other duties delegated by the HoD.

#### **Minimum Requirements:**

- Master's degree in Electrical/Electronic Engineering with evidence of on-going research work at a Doctoral level. The basic qualification should be BTech/BEng/BSc degree specializing in Process Instrumentation, Control Engineering, or closest qualification such as Electromechanical or Mechatronics Engineering.
- At least three (3) years relevant post qualification teaching experience at a University level
- Evidence of research experience.

#### **Recommendations:**

- Registration with Engineering Council of South Africa (ECSA).
- Practical knowledge of PLCs, DCS and SCADA systems.
- Possession of doctoral degree in the relevant field.
- At least two (2) years Industrial working experience.

#### **Competencies:**

- Excellent communication and presentation skills.

- Good technical or professional knowledge and skills on Learning Management System.
- Collegiality, ability to work independently and in a team.
- Good organizational skills and continuous learning.
- Advanced IT computer literacy and demonstratable skills and initiative at embracing technology in teaching and learning.
- Ability to work under pressure and meet deadlines.
- Coaching and learners focus to develop hands on skills in student practical's.

---

**Salary Scale:** R464 880.00 – R717 852.00 (P8) basic salary per annum.

**Benefits:** 13<sup>th</sup> cheque, housing subsidy, pension, group life, medical aid, and study grant.

Interested applicants should send (a) a motivation detailing the extent to which they meet the requirements of the position; (b) an application form (downloadable from [www.mut.ac.za](http://www.mut.ac.za)); (c) a Curriculum Vitae; (d) certified copies of academic qualifications plus academic records, proof of professional registration with a relevant professional body where applicable and copy of a valid driver's license. **(Please provide academic transcripts and SAQA evaluation certificate, if qualifications were obtained outside South Africa)**; and (e) names of three contactable referees to: Department of Human Resources and Development, via email: [hr.engineering@mut.ac.za](mailto:hr.engineering@mut.ac.za).

Enquiries: Tel: (031) 907 9294 / 7560 / 7565

**Closing Date: 31 January 2025**

**Mangosuthu University of Technology is committed to meeting the objectives of Employment Equity to improve representivity within the institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity targets including people with disabilities. In accordance with the Departmental EE targets, first preference will be given to African Female.**