

2026/27 TUT POSTDOCTORAL RESEARCH FELLOWSHIPS CALL

The Tshwane University of Technology invites suitable applications for the position of Postdoctoral Research Fellow who will be based in the Department of Electrical Engineering; SARCHI Chair: Next-Generation Telem Manipulation and Teleoperation Platforms for Multiple Sectors: Education, Training, and Production (Pretoria Campus).

Research field/area:

The applicant should have an interest and have experiences in the field of

1. Digital Twins, IoT, Programming, especially the ability to use Python large data set computation and analysis, and component, system and network level modelling and analysis.
2. Printed Circuit Board (PCB) design or Virtual Reality (VR) development.
3. Application of (1) and (2) above in telem Manipulation of remote industry machinery.

Minimum requirements:

- Doctoral degree with a research focus in the field of Electrical Engineering (Electronics or Control Systems) or relevant fields. The degree must have been obtained within five (5) years of applying (a PhD awarded in 2024, 2025 and 2026 will receive preference).
- The doctoral degree must have been awarded within five (5) years prior to the date of application.

Value of fellowship:

- R320 000 per annum for two years.
- Renewal for the second year will be subject to satisfactory performance during the first year.

Interested candidates may submit the following documentation to dus@tut.ac.za

- A detailed CV including a list of all research/creative outputs.
- Certified copies of all relevant qualifications/certificates.
- Certified copy of the SAQA evaluation certificate (for international PhD qualifications).
- Certified copy of the ID or passport.
- A one-page proposal/plan explaining the project title and details, that you wish to pursue during the fellowship, in the fields/areas as indicated.

Enquiries: Prof S Du, +27 12 382 5385

Closing date for applications: **14 October 2026**

