



DIVISION: ENGINEERING &
TECHNOLOGY

DEPARTMENT: INDUSTRIAL ENGINEERING
AND OPERATIONS MANAGEMENT AND
MECHANICAL ENGINEERING

POST: **PART-TIME TECHNICIAN**
INDUSTRIAL ENGINEERING,
OPERATIONS MANAGEMENT AND
MECHANICAL ENGINEERING

POST N°: 7910

JOB DESCRIPTION:

Post Names

- Mechanical Manufacturing Laboratory
- Steam Plant Laboratory
- Fluid Mechanics and Thermo-Fluid
- Mechanics Laboratory
- Maintenance Engineering Laboratory
- Manufacturing System Laboratory
- Industrial Engineering and Operations Management based computer laboratory

The incumbent will be required to: {KPA'S}

- Academic leadership – Develop and review course materials, teach and assess practical materials at undergraduate/postgraduate levels, prepare teaching and learning portfolio as evidence of compliance to standards, and take part in department management tasks delegated by the HOD and report on achievement in PMC. Apply good teaching practices, adhering to the teaching and learning policy of VUT to ensure optimal practical learning by the students in the faculty environment
- Research – Give details of the equipment under his/her control that allows researchers to effectively design research projects that utilise that equipment, research and publish accredited research outputs. Undertake research as part of post graduate qualification or post qualification activities to improve subject knowledge.
- Develop curriculum in applicable field of specialisation - influence the development, maintenance and control of curriculum in field of specialisation.
- Industry relationship building and external engagement – Liaise with industry including consultation work, project proposals and collaborative research projects.
- Community engagement – Develop community engagement project contents and study guides and take part in the implementation, participate in departmental community flagship programme/projects.
- Internal process – Conduct administrative and other ad-hoc duties delegated by line-manager, including laboratory management (ordering, stock control, maintenance, etc)
- Maintain equipment and supervise use of laboratory equipment by staff and students

APPLICATION CRITERIA:

Qualification/Experience:

- Bachelor (BEng/ BTech/ BScEng) in Industrial Engineering or Mechanical Engineering or related field of study.

Or

- Dip (Eng), AdvDip (Eng), PGDip (Eng) in Industrial Engineering or Mechanical Engineering or related field of study.
- At least two years of academic or industry experience.
- Contribution to research is mandatory, personal research output is an added advantage

Skills:

- Teaching and training experience will be an advantage.
- Meeting the qualification criteria.
- Excellent communication and presentation skills, excellent teaching skills, planning and organising skills, conceptual skills, analytical ability, interpersonal skills and problem-solving skills

Closing date for applications: 22 December 2023

Applications should include:

1. A fully completed prescribed application form which can be obtained from www.vut.ac.za <https://www.vut.ac.za/wp-content/uploads/2023/03/VUT-Application-for-Employment-form-Final-002.pdf>
2. A detailed curriculum vita (explicitly stating experience or knowledge in the above-mentioned fields)
3. Certified copies of all academic records and certificates/degrees
4. Certified copy of ID
5. Current contact information of referees
6. Please email applications to recruitment2@vut.ac.za and quote the post reference and post description in the subject line.
7. No manual applications will be accepted. Incomplete applications or applications without the application form and required documents will be disregarded.
8. Only applications made on our application for employment form would be considered.
9. Communication will be entered into with short-listed candidates only. If you don't hear from VUT within 3 months deem your application as unsuccessful.

Enquiries may be directed to:

HR Business Partner: Ms S Mordaunt, Tel 016 950 9453 / email address: sandram@vut.ac.za

Please Note: Submission of such copies entitles Vaal University of Technology to authenticate the qualifications without any further consent from the applicant. Candidates with foreign qualifications must submit a SAQA certificate of evaluation. Vaal University of Technology is an equal opportunity and affirmative action employer, which is committed to the implementation of its employment equity plan. People from designated groups are encouraged to apply. Only shortlisted candidates will be contacted.

VUT reserves the right not to make an appointment

By applying for this position, you give permission to share your information with the selection panel or the relevant people involved in the recruitment process.

