VAAL UNIVERSITY OF TECHNOLOGY
Inspiring thought. Shaping talent.

[INTERNAL/EXTERNAL VACANCY]

FACULTY: Human Sciences	DEPARTMENT: Education

POST: Part-time Junior Lecturer-Mathematical Pedagogy	POST Nº: PEROMNES GRADE: 9

JOB DESCRIPTION:

The Junior Lecturer will be responsible for delivering high-quality instruction, fostering student engagement and contributing to curriculum development in mechanical technology.

The role involves theoretical and practical teaching, research and professional development to enhance learning outcomes.

Key performance areas include but are not limited to:

- Deliver lectures, tutorials, and practical demonstrations in Mathematical Pedagogy
- Develop and implement innovative teaching strategies and assessment methods
- Foster a supportive and inclusive learning environment that encourages student participation and success
- Develop and update curriculum materials aligned with industry and academic standards
- Collaborate with colleagues to enhance programme offerings and ensure alignment with institutional goals
- Supervise laboratory sessions and ensure the safe use of Mathematical Pedagogical equipment
- Assess student performance through assignments, exams and practical assessments
- Conduct research in Mathematical Pedagogy education and contribute to academic publications in reputable peer-reviewed journals
- Seek external funding and grants to support research initiatives
- Present research findings at academic conferences and engage with the broader educational community
- Supervise and mentor undergraduate and postgraduate students in their academic and research pursuits
- Collaborate with industry partners to enhance programme relevance and professional opportunities
- Participate in faculty meetings, accreditation processes, and quality assurance activities
- Stay current with development in the field of education and engage in continuous professional development
- Contribute to the academic community through participation in workshops, seminars etc.
- Conduct ad-hoc duties as assigned by the line manager

APPLICATION CRITERIA:

Qualifications and Experience:

- A relevant B Tech / honors degree or post graduate certificate in Mathematical Pedagogy Education

- A minimum of 2 years of teaching experience in Further Education and Training (FET) phase or higher education institutions.
- Strong understanding of curriculum development and pedagogical strategies for Mathematical Pedagogy education
- Excellent communication, organizational and interpersonal skills

Skills:

- Ability to integrated hands-on practical training with theoretical instruction
- Ability to collaborate with colleagues and contribute to departmental initiatives
- Commitment to diversity, equity and inclusion in higher education
- Excellent communication (written and verbal), organisational, interpersonal skills and planning skills
- Commitment to sustainability and innovative practices in higher education

CLOSING DATE FOR APPLICATIONS: 09 December 2026

Application requirements:

1. A fully completed prescribed application form which can be obtained from www.vut.ac.za
2. A detailed curriculum vitae (explicitly stating relevant experience or knowledge in the fields mentioned above)
3. Certified copies of all certificates or degrees
4. A certified copy of your South African identity document
5. Current contact details of referees
6. Applications must be emailed to recruitment4@vut.ac.za. Please quote the post reference and post description in the subject line.
7. No manual applications will be accepted. Incomplete applications, or applications submitted without the application form and required supporting documents, will be disregarded.
8. Only applications submitted using the official VUT application for employment form will be considered.
9. Correspondence will only be entered into with shortlisted candidates. If you do not hear from VUT within 3 months of the closing date, please regard your application as unsuccessful.

Please Note

- **By submitting your application, you consent to VUT verifying your qualifications and sharing your personal information with the selection panel and other authorised persons involved in the recruitment process. Candidates**

with foreign qualifications must submit a South African Qualifications Authority (SAQA) certificate of evaluation. VUT is an equal opportunity and affirmative action employer. In compliance with the Employment Equity Act No. 55 of 1998 (as amended), and in line with its Employment Equity Plan and Recruitment Policy, preference will be given to suitably qualified candidates from designated groups, specifically Africans, Coloureds, Indians, women, and persons with disabilities.

- **VUT reserves the right not to make an appointment**

