

**Senior Lecturers in Metallurgy and Materials Engineering
University of the Witwatersrand**

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| Job Title | Senior Lecturers in Metallurgy and Materials Engineering |
| Department | School of Chemical and Metallurgical Engineering https://wits.ac.za |
| Institution | University of the Witwatersrand Johannesburg, Gauteng, South Africa |
| Date Posted | Mar. 11, 2025 |
| Application Deadline | Apr. 14, 2025 |
| Position Start Date | As soon as possible |
| Job Categories | Senior Lecturer |
| Academic Field(s) | Material/Metallurgy |
| Job Website | https://irec.wits.ac.za |
| Apply Online Here | https://irec.wits.ac.za |

Apply By Email

Job Description

The School of Chemical and Metallurgical Engineering invites applications from suitably qualified candidates for appointment as Senior Lecturers in the field of Metallurgy and Materials Engineering. The position entails teaching students in the fields of engineering failure analysis, corrosion and wear, or metallurgical thermodynamics. However, experience in teaching a number of general metallurgical engineering subjects, will be an additional advantage. The ideal candidates should have a strong academic interest in teaching and research.

Qualifications and Requirements:

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Applicants for the position should possess a first degree in Metallurgy and Materials Engineering or Chemical Engineering, as well as a PhD degree in the similar field. Registration or eligibility for registration as a professional engineer (Pr.Eng.) will be a distinct advantage. A reasonable period of experience in industry or in a research organization will be an advantage. Though the field of specialisation is open, candidates with knowledge beyond a first-degree level in engineering failure analysis, corrosion and wear, or metallurgical thermodynamics will be considered first. Successful candidates for the position would be encouraged to pursue research and related activities in an area of their choice and/or join one of the existing research groups in the school. A record of previous undergraduate and postgraduate teaching experience, as well as supervision of master's and doctoral students to completion, is required. A proven record of research, supported by publications in peer-reviewed journals, is also required.

Successful candidates will be encouraged to pursue further training in higher education after appointment as a requirement for further promotion. Immediate availability at short notice is desirable.

Duties and responsibilities:

The successful candidates will be expected to demonstrate expertise in subjects comprising of metallurgical engineering and the ability to:

- Teach both undergraduate and postgraduate students
- Facilitate and guide large groups of undergraduate students
- Engage in continuous development of the programme, adapting it to the ever- changing challenges facing the university and/or society
- Undertake research in his/her area of expertise in a productive manner, and publish research papers in the internationally accredited journals
- Expand existing and initiate new research programmes, raise and manage funds from national and international funding agencies and industry
- Supervise postgraduate students at master's and doctoral level for MSc (Eng) and PhD qualifications
- Undertake assigned school duties of an administrative nature

Enquiries: Further information may be obtained from Professor Geoffrey S. Simate, Head of School (Acting), Chemical and Metallurgical Engineering

Telephone: +27 11 717 7570; **e-mail:** geoffrey.simate@wits.ac.za

To apply: Submit a covering letter specifying the level that you are applying for, half a page statement of research interests, a detailed CV with names and current e-mail addresses as well as contact numbers of 3 referees, certified copies of relevant degrees/diplomas, academic transcripts and South African ID or passport (if not a South African citizen or permanent resident). External applicants are invited to apply by registering their profiles on the Wits i-recruitment platform located at

<https://irec.wits.ac.za>

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. Internal employees may apply directly on Oracle Self-Service on the Wits Intranet by selecting "Apply for a Job".

Note: Applications that are incomplete and that do not meet job requirements will not be considered.

Please note that given the thrust of the University's strategic plan on transformation, preference may be given to appointable applicants from the under-represented designated groups in terms of the relevant employment equity plans and policies of the University.

The University reserves the right to verify all information provided by candidates and to verify credit rating. Please note that correspondence will only be entered into with the shortlisted candidates. The University reserves the right to make an appointment or re-advertise.

EEO/AA Policy

The University is committed to employment equity. Preference may be given to appointable applicants from the under-represented designated groups in terms of the relevant employment equity plans and policies of the University. The University reserves the right to verify all information provided by candidates. Please note that correspondence will only be entered into with short-listed candidates. The University reserves the right not to make an appointment nor to re-advertise.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Professor Geoffrey Simate
School of Chemical & Metallurgical Engineering
University of the Witwatersrand
1 Jan Smuts Avenue, Faculty of Engineering
Braamfontein

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