

Professor or Associate Professor in Hydrometallurgy
University of the Witwatersrand

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Posted Apr. 15, 2025, set to expire Aug. 17, 2025

Job Title	Professor or Associate Professor in Hydrometallurgy
Department	School of Chemical & Metallurgical Engineering https://wits.ac.za
Institution	University of the Witwatersrand Johannesburg, Gauteng, South Africa
Date Posted	Apr. 15, 2025
Application Deadline	May 2, 2025
Position Start Date	As soon as possible
Job Categories	Associate Professor Professor
Academic Field(s)	Material/Metallurgy Chemical/Petroleum
Job Website	https://www.wits.ac.za/vacancies/
Apply By Email	
Job Description	

DESCRIPTION:

The school has an established reputation for the quality of its graduates and research, runs excellent facilities and hosts a SARChI research chair in hydrometallurgy and sustainable development and offers excellent opportunities for consultation and collaboration with chemical processing industries. The school has also developed an active hydrometallurgy lab which means excellent opportunities exist for consultation/collaboration with the mining industry.

The School of Chemical and Metallurgical Engineering invites applications from suitably qualified

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candidates who possess a first degree in Metallurgical Engineering or Chemical Engineering (with a major in extractive metallurgy), as well as a relevant PhD degree, for appointment as Professor or Associate Professor in the field of extractive metallurgical engineering with a focus on hydrometallurgy. The aim of this position is to take over the work and legacy of the DSI/NRF SARChI: Hydrometallurgy and Sustainable Development Chair which is focused on hydrometallurgy and hosted within the school. The successful candidate will be expected to lead research in both fundamental topics, innovation and applications in line with the scope of the Chair. The candidate will also carry out undergraduate and postgraduate teaching in metallurgical engineering with a focus on hydrometallurgy.

QUALIFICATIONS AND REQUIREMENTS:

First degree in Metallurgical Engineering or Chemical Engineering (with a major in extractive metallurgy), as well as a relevant PhD degree are a requirement for appointment as Professor / Associate Professor in the field of extractive metallurgical engineering with a focus on hydrometallurgy. A reasonable period of experience in a research capacity will be required with evidence of research output and supervision of postgraduate students to completion. The field of specialization is in hydrometallurgy, and the successful candidate will be encouraged to grow the research group within the school and create links with industry partners. The successful candidate will be encouraged to pursue further training in higher education. Registration as a professional engineer (Pr.Eng.) and NRF-rating will be strongly encouraged particularly for local applicants.

DUTIES:

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

- Teach both undergraduate and postgraduate students.
- Engage in continuous development of the programme, adapting it to the ever-changing challenges facing the university or society.
- Undertake research in the area of hydrometallurgy in a productive manner and publish research papers in accredited journals.
- Expand existing and initiate new research programmes, raise and manage funds from national and international funding agencies and industry.

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- Supervise postgraduate students at master's and doctoral level qualifications in metallurgical engineering.
- Undertake assigned school duties of an administrative nature.

Enquiries: Professor Geoffrey Simate; (Acting) Head of the School of Chemical and Metallurgical Engineering:

E-mail: Geoffrey.Simate@wits.ac.za **Telephone No.** +27 11 717 7570

To Apply: Please submit a letter of motivation specifying the level at which you are applying, a detailed CV with names and current e-mail addresses and contact numbers of (3) three referees, certified copies of qualifications, academic transcripts and South African ID and/or (copy of Passport if not a South African Citizen). External applicants are invited to apply by registering on the Wits i-Recruitment platform located at <https://irec.wits.ac.za>. 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

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Contact Information

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

Contact Professor Geoffrey Simate
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