

UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT: SCHOOL OF CHEMICAL & METALLURGICAL ENGINEERING

Lecturer in Materials Science and Physical Metallurgical Engineering (2 position)

Department Description:

The School of Chemical and Metallurgical Engineering invites applications from suitably qualified candidates for an appointment as lecturer in the field of materials science and physical metallurgical engineering. The position will involve teaching our students in materials science and physical metallurgical engineering subjects. Industrial experience in physical metallurgy will be a distinct advantage. The ideal candidate should not only have a robust background in the field but also a genuine academic passion for both teaching and research.

Qualifications:

Applicants for the position should possess a suitable first degree in Metallurgical Engineering, as well as at least an MSc Eng and preferably a PhD degree. Registration or eligibility for registration as a professional Engineer (Pr.Eng.) will be a distinct advantage. The applicant should have a reasonable period of industry experience in materials science and physical metallurgy or in a research organization. A record of previous undergraduate and postgraduate teaching experience, as well as supervision of master's and doctoral students is highly recommended. Successful candidates for the position would be encouraged to pursue research and related activities in materials science and physical metallurgy. 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. Immediate availability at short notice is desirable.

Duties and Responsibilities:

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

- Teach undergraduate and postgraduate students;
- Facilitate and guide large groups of undergraduate students;
- Engage in continuous development of the programme;
- Undertake research in physical metallurgy in a productive manner, and publish research papers in accredited journals;
- Expand existing and initiate new research programmes, raise and manage additional funds from national and international funding agencies and industry;
- Supervise postgraduate students;
- Undertake assigned departmental duties of an administrative nature;

Enquiries only: Professor Josias van der Merwe, Head of School, Chemical and Metallurgical Engineering
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To apply: All applications must be submitted via the University's online application system. External applicants should apply on the iWits Recruitment platform located at <https://irec.wits.ac.za>. Internal employees should apply by following the Oracle link 'iWits / Wits Employee Self Service / Apply Now' on: <https://iwits.wits.ac.za>. The application must include (i) a covering letter, (ii) the applicant's curriculum vitae (CV) with names, addresses (including email addresses) of at least three referees, and (iii) copies of qualifications and identity documents.

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

Closing date for applications: 24 November 2023.

The University is committed to employment equity and preference may be given to appointable applicants from 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. The university can continue searching after the closing date until the position is filled. Correspondence will only be entered into with shortlisted candidates. Shortlisted applicants must be available for an interview on a date decided by the school. The University also reserves the right not to make an appointment nor to re-advertise.