

UNIVERSITY OF SOUTH AFRICA

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF SCIENCE
DEPARTMENT OF PHYSICS
PROFESSOR OR ASSOCIATE PROFESSOR X1
SENIOR LECTURERS X2
LECTURER X1
JUNIOR LECTURER X1 (contract)
(4 VACANCIES)**

*Please indicate in detail on the application form or CV the extent to which your qualifications and experience meet the requirements of positions set out below.

Research fields in the Department include theoretical and computational aspects of solid state, particle and nuclear physics, experimental aspects of solid state physics and physics education. Candidates with other research interests are encouraged to apply, as final selection will be made on scholarship and the potential to advance the Department. The Department of Physics will relocate from Pretoria to the Florida campus of UNISA in Johannesburg in the near future. More information can be obtained from the Chairperson.

Contact details of Chairperson of the Department of Physics
Prof I Basson
bassoi@unisa.ac.za
Tel: 012-429-8027

(Ref: CSET/Phy/P5/AP6/feb10/moh)

PROFESSOR/ASSOCIATE PROFESSOR (1 position)

Requirements:

- A PhD degree in Physics.
- Five years relevant experience teaching experience in Physics at tertiary level.
- Proven ability to supervise MSc and/or PhD students to completion.
- Consistent, relevant and sustained research output.
- Record of academic citizenship.

Recommendations:

- NRF rating.
- Preference will be given to an Experimental Solid State or Materials Physicist; it will be expected of the person to provide leadership in re-establishing the research laboratory of the department. For more information contact the Chairperson of the Department of Physics.
- Experience of an ODL environment will be an advantage.
- Evidence of peer and/ or student evaluation will be an advantage.

Duties

- Tuition of undergraduate and postgraduate students.
- Curriculum design and course development for undergraduate and postgraduate courses.
- Actively participate and manage research that will result in peer reviewed publications.
- Supervise MSc and PhD students.
- Provide academic leadership by guiding and mentoring of staff and students.
- Provide leadership and participation in community engagement and academic citizenship.

Actively participate in the management and administration of the Department.

(Ref: CSET/Phy/SLP7/feb10/moh)

SENIOR LECTURER (2 positions)**Requirements:**

- A PhD degree in Physics.
- Three years relevant teaching experience in Physics at tertiary level, including experience at postgraduate level.
- Currently active in Physics related research, relevant research output in the previous three years.
- Potential to supervise postgraduate students.

Recommendation:

- Experience of an ODL environment will be an advantage.
- Evidence of peer and/ or student evaluation will be an advantage.

Duties

- Tuition of undergraduate and postgraduate students.
- Curriculum design and course development for undergraduate and postgraduate courses.
- Actively participate in research that will result in peer reviewed publications.
- Supervise postgraduate students, including MSc and PhD students.
- Participation in community engagement and academic citizenship.
- Contribute to the management and administration of the department.

LECTURER (1 position)
(CSET/Phy/LP8/feb10/mo)

Requirements:

- A PhD degree in Physics. MSc in Physics with substantial progress towards a PhD may be considered.
- Relevant teaching experience in Physics at tertiary level.
- Currently active in Physics related research, relevant research outputs over the previous three years.

Recommendation:

- Experience of an ODL environment will be an advantage.

Duties

- Tuition of undergraduate and postgraduate students.
- Curriculum design and course development for undergraduate and postgraduate courses.
- Actively participate in research that will result in peer reviewed publications.
- Supervise postgraduate students.
- Participation in community engagement and academic citizenship.
- Contribute to the administration of the department.

**JUNIOR LECTURER (1 position)
(CSET/phy/jIP9/feb10/moh)****(SCIENCE FOUNDATION 2 YEAR-CONTRACT POSITION)****Requirements:**

- An honours degree in Physics.
- Relevant teaching experience in Physics.
- Sound teaching and communication skills.

Recommendation:

- Experience of an ODL environment will be an advantage.
- Experience in Science Foundation Programmes (SPF) or academic development or experience in dealing with academically under-prepared students would be a recommendation.

Duties

- Assisting with the tuition of undergraduate students.
- Assisting with the training of and interaction with tutors.
- Assisting with research on the impact of SPF interventions.
- Participation in community engagement and academic citizenship.
- Contribute to administration of the department SPF activities.

Assumption of duty: As soon as possible.

Salary: Remuneration is commensurate with the seniority of the position

Closing date: 1 March 2010

Enquiries: (012) 429 8886 Mr MM Mofokeng (HR)

Any change in conditions of service will only become operative after one calendar month's written notice and will be made in full compliance with the relevant provisions of the Labour Laws.

The prescribed application form must be accompanied by a CV and certified copies of all educational qualifications and your identity document. Submission of such copies entitles Unisa to authenticate the qualifications without any further consent from the applicant. Applications not on the prescribed application form and submitted without certified copies attached will not be considered. *Candidates with foreign qualifications must also submit the South African equivalent of the qualification. These qualifications are evaluated by SAQA.* The contact details of three contactable references must be provided.

Appointments will be made in accordance with Unisa's Employment Equity Plan.

We welcome applications from Persons with Disabilities



Applications on the prescribed forms are invited and should be **posted to Unisa HR: Staffing, P O Box 392, Unisa, 0003** on or before the closing date. Hand delivered application forms can be deposited into the **application boxes situated at the following locations at the Muckleneuk Campus: Theo van Wijk Building, Main Entrance or at the Main Entrance, OR Tambo Building, 3rd Floor.** The prescribed application form is obtainable at the counter on the **3rd Floor, OR Tambo Building UNISA, Preller Street, Muckleneuk, Pretoria** or can be downloaded from www.unisa.ac.za on the Internet.

Correspondence will be limited to short-listed candidates only. If you have not been contacted within 2 months after the closing date of this advertisement, please accept that your application was not successful.

Dr V Singh
Executive Director: Human Resources