

**COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE**

**POSTDOCTORAL FELLOWSHIP (1 POST)  
1 September 2021 – 31 August 2022  
SCHOOL OF Chemistry and Physics (Durban Centre)**

The following postdoctoral fellowship opportunity is available to contribute research assistance in the field of Quantum Technology:

Research area: Quantum Measurement and Control, Verification and Validation of Quantum Computation. The applicant is required to conduct theoretical work in these areas, and to assist research with analytical and numerical calculations.

The successful applicant will be expected to engage in **full-time** postdoctoral studies in the research group of Prof Konrad.

**MINIMUM REQUIREMENTS:**

- Relevant PhD degree in Physics;
- Experience in the Theory of Quantum Measurement as evidenced by publications.
- Experience in the new research field of Verification and Validation of Quantum Computation evidenced by at least a conference talk or a manuscript on a preprint server.

**For further information contact Professor T Konrad, 031 260 7911 or email: [Konradt@ukzn.ac.za](mailto:Konradt@ukzn.ac.za).**

**The closing date for receipt of applications is Monday, 30 August 2021.**

Applicants are required to submit a covering letter and CV. The letter must provide details of the candidate's suitability with respect to the minimum requirements. The CV must include the names, full addresses, fax numbers and e-mail addresses of three referees.

**Please e-mail applications to Mrs Yvonne Gengiah, School of Chemistry & Physics, University of KwaZulu- Natal, Westville Campus, 3rd Floor, Chemistry Building, Block H, Westville; or e-mail: [Gengiah@ukzn.ac.za](mailto:Gengiah@ukzn.ac.za)**