

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity Plan including people with disabilities.

RESEARCH DIVISION

**HIRAX PROJECT MANAGER
(3-YEAR FIXED TERM APPOINTMENT)**

**HIRAX FLAGSHIP PROJECT
(PEROMNES GRADE 6)
WESTVILLE CAMPUS**

REF NO.: RO 13/2019

The Hydrogen Intensity and Real-time Analysis experiment (HIRAX) is a major radio astronomy telescope slated for construction in a radio-quiet area in South Africa. It will detect the effects of dark energy on the distribution of galaxies, traced by their neutral hydrogen emission. Operating between 400 and 800 MHz, HIRAX will also be a world-leading facility for studies of radio transients, pulsars, and hydrogen absorbers. HIRAX is led by the University of KwaZulu-Natal, and so UKZN seeks to appoint a Project Manager who will play a critical role in its development.

The Project Manager will direct the daily operations and manage construction and design requirements of HIRAX and the telescope site. The role includes the procurement of telescope hardware and building links with industry partners. The Project Manager will be responsible for the delivery of telescope sub-systems as per project timelines, financial and contractual management of the project, and the coordination of HIRAX project activities. The incumbent will report directly to the Principal Investigator of the project.

Minimum Requirements:

- A relevant Master's degree and an international Project Management Professional certification;
- Three (3) years' experience in high-level participation in the astronomy or space industry;
- A broad grasp of astronomy or space project management within an institution of higher learning or a research institution.

More information about the HIRAX project is available at <http://hirax.ukzn.ac.za/>

Enquiries and details regarding this post may be directed to the Line Manager for this post, Professor K. Moodley, e-mail: moodleyk41@ukzn.ac.za

The total remuneration package offered includes benefits. Appointment is on Conditions of Service 2018.

The closing date for receipt of applications is 14 August 2019. Applicants are required to complete the official application form ("application form – support") which is available on the Vacancies website at www.ukzn.ac.za. Completed forms may be sent to recruitment-nm@ukzn.ac.za.

Two letters of reference must be emailed to the HR recruitment officer (recruitment-nm@ukzn.ac.za) copied to the line manager (moodleyk41@ukzn.ac.za).

Advert Reference Number **MUST** be clearly stated in the subject line.