

**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.**

**COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE**

**HIRAX PROJECT MANAGER  
(PEROMNES GRADE 6)  
(3-YEAR FIXED TERM APPOINTMENT)  
ASTROPHYSICS RESEARCH CENTRE  
SCHOOL OF MATHEMATICS, STATISTICS, AND COMPUTER SCIENCE  
WESTVILLE CAMPUS**

**REF NO.: MSCS06/2021**

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](mailto:moodleyk41@ukzn.ac.za).**

**The total remuneration package offered includes benefits.**

**The closing date for receipt of applications is 12 November 2021.**

**Applicants are required to complete the official application form which is available on the Vacancies website at [www.ukzn.ac.za](http://www.ukzn.ac.za). Completed forms should be submitted to [Recruitment-aes@ukzn.ac.za](mailto:Recruitment-aes@ukzn.ac.za) . The Advert Reference Number MUST be clearly stated in the subject line.**