

Postgraduate Opportunities



University of Ruhuna, Sri Lanka

The University of Ruhuna is calling applications from qualified national & international (particularly from SAARC countries) applicants, as research assistants for the following research projects.

Research Projects leading for PhD;

- (1) Associated factors, outcomes and prevention of birth defects among infants in Southern Sri Lanka
- (2) Vasculopathy, systemic inflammation, body composition and cardiometabolic risk among patients with chronic kidney disease

Research Projects leading for MPhil

- (3) Preclinical studies on the immunomodulatory and anti-cancer properties of *Alpinia calcarta* (S. Araththa) and *Solonum surattense* (S. Elabatu) in immunosuppressed mice, rats and human cell lines
- (4) Age related trends and population specific reference ranges of bone mineral density and biomarkers of bone turnover in adult females
- (5) Protective effects of selected medicinal plant extracts in rats with chemically induced nephropathy
- (6) Determination of Ascorbic acid content in commonly available fruits and vegetables in Sri Lanka under different storage and preparatory conditions
- (7) Baseline colonization and in-hospital transmission of methicillin-resistant *Staphylococcus aureus* (MRSA) among surgical patients at Teaching Hospital Karapitiya
- (8) Applicability of novel urinary bio-markers as early detection tools in Chronic Kidney Disease of Unknown etiology (CKDu) in Sri Lanka
- (9) Investigation on the use of vegetable oils available in Sri Lanka in development of a nano – biolubricant
- (10) Environment and social impact assessment of Pine and Eucalyptus plantation forests in Upcountry intermediate zone: onsite soil water repellency and its implications on hydrological regime
- (11) Modelling of atmospheric dispersion of radionuclide plumes to (i) assess the impact of accidental discharge of radioactive material to the atmosphere from the nuclear power plants in South India (ii) investigate the best location for a nuclear power plant in Sri Lanka

Eligibility requirements:

A candidate for the PhD or MPhil degree shall have a four year Bachelor's degree with a 1st or 2nd class Honors or a Master's degree or MBBS degree as the case may be, in the relevant field from a recognized University.

Selected candidates will be paid a stipend of Rs: 35,000-55,000 depending on the qualification & the degree to be registered. Candidates, if selected, should essentially be registered as a postgraduate student in University of Ruhuna

Mode of Application;

Interested candidates can apply with a CV including educational qualifications & research experience etc.

Applications should be sent on or before 19.06.2016 by email to harindikad@yahoo.com or by registered post to Assistant Registrar, Faculty of Graduate Studies, University of Ruhuna, Wellamadama, Matara, Sri Lanka.

Please mention "Application to postgraduate opportunities- University of Ruhuna" on top left corner of the envelop.