

**Inter-University Partnership of
Competitive Research Grant (STHRDP)
Collaborative Research between Rajarata University of Sri Lanka and Kotelawala Defence
University**

One Vacancy for Graduate Research Assistant (MPhil)

Research area: Electrochemistry/ Electrophysiology/ Plant Science/ Plant Biotechnology

About the project:

The project is aiming to sustainable development of north central province through establishing a functional framework on selected underutilized wild fruit plants in Sri Lanka. This is competitive research grant funded by ADB to encourage collaborative research partnerships in between the Department of Bioprocess Technology, Faculty of Technology, RUSL and the General Sir John Kotelawala Defence University, in order to strengthen research collaborations to formulate products, process and services in related commercial applications such as nutraceutical, pharmaceutical and cosmeceutical developments using the advanced bioprocess technology, nanotechnology, polymer technology and engineering technology.

Title of the sub project:

- 1. Electrophysiology studies of the under-utilized plants in North – Central Province**

Duration: 2 years

Key responsibilities:

1. Study the change in the electrical properties in response to the stimuli in the environment.
2. Study the manipulation of electrical properties.
3. Develop an electrophysiology model.
4. Work on progress reports, publications etc.

Required qualifications:

- BSc in Chemistry with a subject related to Plant Science/ Botany/ Plant biotechnology
- Effective verbal and written communication skills in English

Monthly stipend: 60,000 LKR (MPhil registration fee is covered)

Work locations: Sir John Kotelawala Defence University (main location) and Rajarata University of Sri Lanka

How to apply:

Please send your CV with the statement of purpose to Dr. Prasad Jayasooriya (principal investigator) ptjayaso@tec.rjt.ac.lk and kducare.researchcareers@gmail.com on or before **10/08/2022**.