

# CONSULTANT (PART-TIME)

## RESEARCH PROJECT ON COMMERCIALIZATION OF INDUSTRIAL EFFLUENT TREATMENT METHODOLOGIES

A part-time consultant position is available in designing effluent treatment systems to remove environmental pollutants and to design low-cost analytical methods for detection of heavy metals.

The consultant is expected to,

- guide the Research Assistant who is working on methods development using naturally available substances and industrial by-products for treatment of industrial effluents, to remove heavy metal ions, dyes and anions;
- guide the Research Assistant in optimization of experimental parameters, as applied to industrial effluent treatment, under both static and dynamic conditions;
- design industrial effluent treatment systems;
- compile patents and write necessary scientific reports;
- design low-cost analytical methodology to detect heavy metal ions in industrial effluents.

**Required qualifications:** Postgraduate qualifications, with specialization in industrial effluent treatment using low-cost and environmentally friendly substances. A strong track-record of publications, experience in supervising postgraduate students and thorough knowledge in Environmental/Analytical Chemistry are desirable.

**Salary:** Negotiable

**Duration:** Two-Three years depending on the need.

Interested persons should submit a CV with experience related to the above research project to Prof. Namal Priyantha ([namalpriyantha@pdn.ac.lk](mailto:namalpriyantha@pdn.ac.lk)), Department of Chemistry, University of Peradeniya, on or before 17<sup>th</sup> of December 2018.

Prof. Namal Priyantha  
Senior Professor in Chemistry