

JOB DESCRIPTION

Designation	Research Assistant (TP Career Kickstarter)
School/Department	School of Applied Science / Centre for Urban Sustainability / Water Technology
Number of Position	2
Duration	6 – 9 months

Key Responsibilities

- Conduct comprehensive literature reviews in alignment with project objectives.
- Support the design and execution of experimental work, including coordination with collaborators for project activities.
- Perform laboratory experiments involving chemical reactions, material development, processing and characterisation.
- Assist in the preparation, analysis, and curation of scientific reports, as well as systematic documentation of laboratory results.
- Analyse and present data clearly, with the use of suitable digital tools.
- Maintain laboratory operations by managing inventory, performing routine housekeeping, and ensuring the upkeep and calibration of equipment.
- Facilitate procurement processes to secure materials, equipment, and services required for project execution.

Prerequisites

- Qualification in suitable disciplines including Chemical Engineering, Materials Science, Medical Biotechnology and Veterinary Technology.
- Domain skills in basic chemistry and laboratory techniques.
- Good interpersonal skills with the ability to collaborate across teams.
- Analytical thinking with attention to detail.
- Able to work independently with minimal supervision when required.
- Passionate and strong sense of responsibility in research and development work.