

Research Assistant (Membrane Science & Technology) Nanyang Technological University

Direct Link: https://www.AcademicKeys.com/r?job=256708
Downloaded On: Nov. 25, 2025 11:26pm
Posted May 7, 2025, set to expire May 6, 2026

Job Title Research Assistant (Membrane Science &

Technology)

Department Nanyang Environment and Water Research Institute

Institution Nanyang Technological University

Singapore, , Singapore

Date Posted May 7, 2025

Application Deadline Open until filled

Position Start Date Available Immediately

Job Categories Research Scientist/Associate

Professional Staff

Academic Field(s) Water Resources Engineering

Ecological and Environmental

Chemical/Petroleum

Biomedical Engineering & Bioengineering

Engineering - Other

Job Website https://ntu.wd3.myworkdayjobs.com/en-

US/Careers/details/Research-Assistant--Membrane-

Science---Technology-_R00020662

Apply By Email

Job Description

About Nanyang Environment and Water Research Institute (NEWRI):

NEWRI is a globally recognized research and technology institute addressing national priorities through expertise in Biotechnology, Membrane Technology, Chemicals and Materials, Resource



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Recovery, and AI Modeling. By leveraging cross-disciplinary strengths, NEWRI advances innovations in water circularity, waste solutions, resource recovery, climate resilience, and digitalization.

For more details, please view https://www.ntu.edu.sg/newri.

We are seeking a Research Assistant to support the research for an industrial project titled "Optimization of Bioprogrammable Hollow Fiber Membranes"

Key Responsibilities:

- Operation of lab-scale reverse osmosis and nanofiltration evaluation setup
- Perform membrane performance evaluations
- Perform hollow fiber spinning fabrication and modification
- Perform hollow fiber module assembly and optimization
- Prepare progress report

Job Requirements:

- Bachelor's degree from a reputable university in chemical/environmental engineering
- Relevant research experience in membrane technology
- Good oral presentation and multitasking skill



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Self-motivated and able to work independently as well as in a team

- Good interpersonal skills
- Good communication and writing skills for reports and publications.

We regret to inform that only shortlisted candidates will be notified.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Nanyang Environment and Water Research Institute Nanyang Technological University Singapore