

Research Assistant (Membrane Science & Technology)
Nanyang Technological University

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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 Bioengineering (all Bio-related fields) 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