

Project Officer (Membrane Technology & Process
Engineering)
Nanyang Technological University

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Posted Jun. 13, 2024, set to expire May 6, 2025

Job Title	Project Officer (Membrane Technology & Process Engineering)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jun. 13, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate Professional Staff
Academic Field(s)	Mechanical Engineering Ecological and Environmental Chemical/Petroleum
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Job Description

The School of Civil and Environmental Engineering (CEE) is inviting applications for the position of Project Officer. The Project Officer will support the research for a project involving the use of membrane technology for desalination, resource recovery, clean energy production, and decarbonization.

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Key Responsibilities:

- Conduct membrane related projects for desalination, water reuse, resource recovery, etc. Specific work includes experimental setup design and construction, experiment design and testing, process modelling, data processing and reporting, progress report preparation, paper publication, assistance in research proposal preparation, etc.
- Mentor junior undergraduate students for their research projects.
- Publish research data, prepare project progress report.

Job Requirements:

- Bachelor's degree from a reputable university in Chemical Engineering, Environmental Engineering, Mechanical Engineering, etc.
- Relevant research experience on membrane technology and separation technologies.
- Relevant research experience on electrochemical process, electrode synthesis, etc.
- Relevant research experience on membrane module development.
- Relevant research experience in scaling up electrochemical water technology will be preferred.
- Relevant research experience in the fabrication/synthesis of RO/NF/FO/PRO/ion exchange membranes/organic solvent membranes/hydrophobic membranes, and/or organic chemical

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synthesis, and membrane/separation process development will be preferred.

- Self-motivated and able to work on your own and in a team.
- Good interpersonal skills.
- Good communication and writing in English as required to publish research data.
- Strong responsibility for research.

We regret 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

Singapore