

**Research Fellow (Chemical Engineering)
Nanyang Technological University**

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Posted Apr. 8, 2024, set to expire Apr. 1, 2025

Job Title	Research Fellow (Chemical Engineering)
Department	School of Chemistry, Chemical Engineering and Biotechnology (CCEB)
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 8, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Chemical/Petroleum
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Chemical-Engineering-_R00016705
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Job Description	

The School of Chemistry, Chemical Engineering and Biotechnology (CCEB) invites applications for the position of Research Fellow.

The Research Fellow's role is primarily to execute project in a multidisciplinary team, aiming to perform experimental measurement to optimize the two-phase flow in trickle-bed reactors. Liquid distributions,

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pressure drop, heat and mass transfer properties will be evaluated under various operating conditions.

Key Responsibilities:

- Perform experimental studies on trickle bed reactors
- Provide effective design solutions to optimize the reactor performance
- Develop new methods and techniques for measurement reactor performance
- Perform technical design reviews and recommend improvements
- Prepare manuscripts, reports and presentations
- Guide and train students and junior lab members
- Maintain complete documentation for experimental measurement methods and analysis used
- Regular communications with supervisors on experimental progress and report writing

Job Requirements:

- PhD degree in chemical engineering or closely related field
- Background in process engineering
- Good understanding of the scientific and engineering principles

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