

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

Direct Link: <https://www.AcademicKeys.com/r?job=234314>

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

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

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