

Research Associate (Chemical Engineering/Chemistry)  
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234475>

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Posted Apr. 11, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Associate (Chemical Engineering/Chemistry)
<b>Department</b>	Energy Research Institute @ NTU (ERI@N)
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 11, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Chemical/Petroleum
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Chemical-Engineering-Chemistry-_R00016737">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Chemical-Engineering-Chemistry-_R00016737</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Energy Research Institute @ NTU (ERI@N) invites applications for the position of Research Associate.

**Key Responsibilities:**

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### Specific precipitation

- Liquid-liquid or Liquid/solid extraction
- Simulation of scaled up process.
- Design of continuous process based on the most interesting systems for the selective recovery of the metal ions of interest
- Implementation of the process at pilot scale (~10 L/h or larger) to demonstrate its feasibility and to give first hints for cost analysis from the perspective of development at industrial size

### Job Requirements:

- PhD in Chemical Engineering / Chemistry
- Candidate with strong background on chemical separation processes, especially hydrometallurgy ones.
- Good record of publications and IPs
- Experience with lab set up or prototype development
- Familiar with chemical elements characterization techniques (Spectrophotometry, ICP, FX...)
- Familiar with Labview, python or process simulation software
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Excellent command of oral and written English.

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