

Research Associate (Chemical Engineering/Chemistry)
Nanyang Technological University

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

Job Title	Research Associate (Chemical Engineering/Chemistry)
Department	Energy Research Institute @ NTU (ERI@N)
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 11, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Chemical/Petroleum
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Job Description	

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