

## Research Fellow (Circular Economy) Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234355>

Downloaded On: Jun. 18, 2024 11:56am

Posted Apr. 9, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Fellow (Circular Economy)
<b>Department</b>	The Energy Research Institute @ NTU (ERI@N)
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 9, 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--Circular-Economy-_R00016727">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Circular-Economy-_R00016727</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Circular-Economy-_R00016727">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Circular-Economy-_R00016727</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Energy Research Institute @ NTU ([ERI@N](mailto:ERI@N)) invites applications for the position of Research Fellow.

### Key Responsibilities:

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Setup rigorous protocols and characterize composition of silicon solar panels and their components

- Develop and execute experiments aimed at the extraction and recovery of metals from silicon solar panels
- Curating and managing experimental data, and assist in preparation of reports, presentations, technological disclosures and manuscripts
- Be in charge of laboratory equipment and maintenance
- Conduct trainings and mentoring of staff, interns and students when required
- Take up additional responsibilities by being part of laboratory safety and management team

### **Job Requirements:**

- PhD in chemistry/engineering/material science or related fields is required.
- Familiarity with material characterization techniques such as X-ray diffraction, X-ray fluorescence, Inductively-coupled plasma optical emission spectroscopy would be advantageous.
- 1-2 years of working experience is preferable. Fresh graduates are also welcome.
- Industrial/lab experience in solar device design is preferred.
- Willingness to learn, with adaptability and flexibility to take on required/necessary tasks beyond

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the job description

- Strong communication and interpersonal skills and ability to work cohesively in a team whilst sharing resources
- Excellent organizational skills including attention to details
- Strong interest to learn about new technologies

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