

Research Fellow (Engineering/Material Science/Material Chemistry)  
Nanyang Technological University

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Downloaded On: May. 9, 2024 10:18am

Posted Mar. 21, 2024, set to expire Jul. 21, 2024

<b>Job Title</b>	Research Fellow (Engineering/Material Science/Material Chemistry)
<b>Department</b>	School of Civil and Environmental Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Mar. 21, 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>	Material/Metallurgy Chemical/Petroleum
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Engineering-Material-Science-Material-Chemistry-_R00016563-1">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Engineering-Material-Science-Material-Chemistry-_R00016563-1</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Engineering-Material-Science-Material-Chemistry-_R00016563-1">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Engineering-Material-Science-Material-Chemistry-_R00016563-1</a>
<b>Apply By Email</b>	

**Job Description**

The School of Civil and Environmental Engineering (CEE) is a leading school for Sustainable Built Environment. The School plays an integral role in spearheading tertiary education, advancing research innovations and providing professional services in a number of key disciplines in Civil and Environmental Engineering and Maritime Studies fields, with the objective of contributing to the technological and economic advancement of Singapore and beyond. The School's mission in research is to achieve excellence by providing a conducive and intellectually stimulating environment to enable

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high quality work in strategic directions that are of significant impact to industry, science and technology.

The School of Civil and Environmental Engineering (CEE) is inviting applications for the position of Research Fellow.

**Key Responsibilities:**

- Conduct research on the production of self-healing cement additive and its applications.

**Job Requirements:**

- PhD in Engineering, Material Science or Chemistry.
- Strong academic standing with several publications in reputable journals.
- Good English speaking and writing skills.
- Strong references from previous supervisors.
- Previous experience in chemical synthesis and analysis, concrete sample preparation, mechanical testing and microstructural characterization (XRD, TGA, FTIR and SEM-EDX).
- Additional experience in UHPC and carbon-based material in concrete would be preferable, but not required.

We regret that only shortlisted candidates will be notified.

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**Contact Information**

Please reference Academickeys in your cover letter when  
applying for or inquiring about this job announcement.

**Contact**

Singapore