

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

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

Job Title	Research Associate (Engineering/Material Science/Material Chemistry)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Mar. 21, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Material/Metallurgy
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Associate--Engineering-Material-Science-Material-Chemistry-_R00016560-1
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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 high quality work in strategic directions that are of significant impact to industry, science and

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technology.

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

Key Responsibilities:

- Conduct research on thermoelectric properties of inorganic-based alkali-activated materials (AAMs) and its potential for thermal energy harvesting.

Job Requirements:

- Master 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 pavement engineering and SHCC would be preferable, but not required.

We regret that only shortlisted candidates will be notified.

Contact Information

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Contact

Singapore