

Project Officer (Structural Dynamics/Structural Engineering)
Nanyang Technological University

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Posted May 21, 2024, set to expire Apr. 1, 2025

Job Title	Project Officer (Structural Dynamics/Structural Engineering)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 21, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Structural Engineering
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Project-Officer--Structural-Dynamics-Structural-Engineering-_R00017238
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Job Description	

The Protective Technology Research Centre (PTRC) of NTU is recruiting one project officer for the project on blast resistance of precast structures.

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Key Responsibilities:

- Literature reviews and specimen preparation on current precast wall details and blast simulation.
- Prepare test setup and conduct tests
- Conduct post-test analysis and simulations
- Draft test analysis and simulation reports
- Conduct parametric studies to validate.
- Help Research Fellow to draft guideline

Job Requirements:

- Bachelor degree and good grades in courses such as Structural Dynamics and Structural Engineering.
- Familiar with blast simulation and relevant software such as AutoDyna and Ls-Dyna.
- Good knowledge of dynamic analysis and simulation
- Experience in experimental work (for model validation).
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Good knowledge of data statistics (curve fitting and formula derivation).

- Good knowledge of structural dynamics and blast analysis of structure.

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