

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

Direct Link: <https://www.AcademicKeys.com/r?job=236351>

Downloaded On: Jun. 27, 2024 4:55pm

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 |
| Apply Online Here | https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Project-Officer--Structural-Dynamics-Structural-Engineering-_R00017238 |
| Apply By Email | |
| Job Description | |

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

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

Direct Link: <https://www.AcademicKeys.com/r?job=236351>

Downloaded On: Jun. 27, 2024 4:55pm

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

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).
-

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

Direct Link: <https://www.AcademicKeys.com/r?job=236351>

Downloaded On: Jun. 27, 2024 4:55pm

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

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