

Assistant Professor / Associate Professor (Tenure–Track)
in Civil Engineering and Construction
Nanyang Technological University

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Posted Oct. 8, 2024, set to expire May 6, 2025

Job Title	Assistant Professor / Associate Professor (Tenure–Track) in Civil Engineering and Construction
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Oct. 8, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Geomatics Construction Engineering/Management Civil Engineering
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-Track----Associate-Professor--Tenure-Track--in-Civil-Engineering-and-Construction_R00018661
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Job Description	

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Nanyang Technological University (NTU) is an internationally renowned tertiary education institution. It boasts a strong engineering college and is ranked among the best globally. Committed to our mission of educating leaders and advancing knowledge for Singapore and beyond, we have built global programs and established strong links with leading institutions around the world.

The School of Civil and Environmental Engineering (CEE), which is under the College of Engineering, aspires to be a leading school in Sustainable Urban Systems. Its faculty has led major university-wide strategic research thrusts in space creation, water research, and sustainable built environments. Moving forward, CEE is addressing critical problems in urban systems such as digital construction, urban solutions for the built environment and sustainability, and resiliency to climate change, as well as natural and unnatural risks.

To expand our range of educational and research activities and fuel further development, we invite applications for Assistant Professor (Tenure-Track) / Associate Professor (Tenure-Track) positions with the following expertise:

Land Surveying and Geodesy

Applicants should have a PhD in Civil Engineering, geomatics, geodesy or related fields. Suitable candidates must demonstrate strong and relevant research and teaching ability in the field of land/hydrographic surveying, geomatic applications in construction industry. Familiarity with the best practise in the relevant industry is a great advantage. In addition, strong interdisciplinary expertise is required in research areas such as intelligent construction, construction automation, built environment sustainability, systems modelling and risk management. Potential teaching areas include fundamental of land/hydrographic surveying, introduction to geodesy and geomatics engineering and geomatics applications in intelligent construction.

Structural Engineering and Construction Automation

Applicants should have at least a PhD in Civil Engineering or Construction Management. Suitable

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candidates must demonstrate strong and relevant research and teaching ability. Familiarity with the best practise in the relevant industry is a great advantage. In addition, strong interdisciplinary expertise is required in research areas such as digital construction, construction robotics, construction automation, building information modelling, lean construction, built environment sustainability. Potential teaching areas include construction technology and processes, building information modelling (BIM), building services in construction, project planning & management, engineering economics and project evaluation, information technology in civil engineering, and Design for Manufacturing and Assembly (DfMA) or Virtual Design and Construction.

Coastal Protection Engineering

Applicants would need to have an earned PhD degree in in Civil Engineering, Environmental Engineering, or a closely-related discipline, and have strong interdisciplinary expertise in the domains of coastal science/engineering, environmental fluid mechanics, or hydraulic engineering as applicable to protection of coastal infrastructures and/or ecosystems tapping into combinations of grey/green approaches. Familiarity with the best practise in the relevant industry is a great advantage.

Application Procedure

Applicants are invited to submit their applications (*cover letter, detailed CV including publication list, research and teaching statements, citation report, and/or any other documents that demonstrate qualifications and credentials*) through the [NTU Workday career portal](#).

Application remains open until the positions are filled. Only short-listed candidates will be notified.

Contact Information

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

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Contact

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