

Assistant Professor (Tenure-track) in Mechanical
Engineering
Nanyang Technological University

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Posted Oct. 2, 2024, set to expire May 6, 2025

Job Title	Assistant Professor (Tenure-track) in Mechanical Engineering
Department	School of Mechanical and Aerospace Engineering
Institution	Nanyang Technological University Singapore, Singapore, Singapore
Date Posted	Oct. 2, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Assistant Professor
Academic Field(s)	Robotics Mechatronics Mechanical Engineering Manufacturing & Quality Engineering Human Factors Engineering/Ergonomics Engineering Mechanics Aerospace/Aeronautical/Astronautics Engineering - Other
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-track--in-Mechanical-Engineering_R00018588
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-track--in-Mechanical-Engineering_R00018588
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Job Description

The School of Mechanical and Aerospace Engineering (MAE) is one of the top 12 mechanical and aerospace engineering schools in the world. With well-established industry partnerships, MAE provides an active and vibrant research environment with excellent R&D infrastructure and numerous opportunities for research funding. The school has an enrolment of over 2500 undergraduate students with over 90 faculty members and 140 full-time research staff working in well-equipped state-of-the-art laboratories. A growing research student population of over 400 is also actively engaged in strategic research and development work.

We invite highly qualified candidates in the following expertise areas to join our dynamic team of faculty.

- Mechanical Engineering

Candidate Profile:

- Possess relevant Bachelor and PhD degrees from reputable universities.
- A good research track record and postdoctoral experience would be advantageous.
- Research on cross-disciplinary topics, including Artificial Intelligence and Data Science related to core areas of Mechanical Engineering.
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Research explores the intersection of Machine Learning and AI with Mechanical Engineering, including their application in Mechanics, Sustainability in Mechanical Systems, Design, Manufacturing, Product Development, and Clean Energy Technologies.

- Demonstrate specialization in experimental methodologies, computational analysis/simulation and sustainable manufacturing.

Successful candidates are expected to teach at both undergraduate and graduate levels, supervise graduate students and undergraduate projects. Candidates on tenure-track would also be expected to acquire research funding and conduct research.

We Provide:

- An active and vibrant research environment
- Excellent R&D infrastructure and opportunities for research funding
- Well-equipped state-of-the-art laboratories
- Attractive research start-up grants and PhD student scholarships
- competitive remuneration package and attractive benefits

Contact Information

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Contact

Singapore