

Assistant Professor (Tenure-track) in Surface Engineering,
Metrology, Precision Engineering
Nanyang Technological University

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Posted Feb. 22, 2024, set to expire Jun. 22, 2024

Job Title	Assistant Professor (Tenure-track) in Surface Engineering, Metrology, Precision Engineering
Department	School of Mechanical and Aerospace Engineering
Institution	Nanyang Technological University Singapore, Singapore, Singapore
Date Posted	Feb. 22, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Assistant Professor
Academic Field(s)	Transportation Engineering Sustainable Engineering Robotics Optics & Optical Engineering Mechatronics Mechanical Engineering Material/Metallurgy Manufacturing & Quality Engineering Industrial & Systems Engineering Engineering Mechanics Aerospace/Aeronautical/Astronautics
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Job Description

The School of Mechanical and Aerospace Engineering (MAE) at NTU Singapore is a top 11 Mechanical and Aerospace Engineering School 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 relevant expertise areas to join our dynamic team of faculty.

Surface Engineering, Metrology, Precision Engineering

Candidate Profile:

- Possess relevant Bachelor and PhD degrees from reputable universities.
- A good research track record, and postdoctoral experience would be advantageous.
- Teaching experience at either undergraduate or graduate levels will be an advantage.
- Research intersects the multidisciplinary field of Surface Engineering, Metrology, and Precision Engineering.
- Expertise in Advanced Surface Engineering, Surface Metrology, Surface Science and Characterization
- And/or Expertise in Advanced Engineering Metrology, Mechanical Metrology, Dynamic Metrology.
- And/or Expertise in Advanced Precision Engineering, Precision Metrology, Precision Optical Systems.
- And/or Expertise in Translational research work with Industry on AI/ML applications.

Successful candidates are expected to teach at both undergraduate and graduate levels, supervise graduate students and undergraduate projects. Candidates on tenure-track are expected to conduct high impact research and acquire competitive research grant and funding to sustain an active research portfolio.

We Provide:

- An active and vibrant research environment
- Excellent R&D infrastructure and opportunities for research funding
- Well-equipped state-of-the-art laboratories

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- Attractive research start-up grants and PhD student scholarships
- A competitive remuneration package and attractive benefits

Contact Information

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

Contact

Singapore