

Assistant Professor (Tenure-track) in Metamorphic &
Digital Manufacturing Systems
Nanyang Technological University

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

Job Title	Assistant Professor (Tenure-track) in Metamorphic & Digital Manufacturing Systems
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)	Engineering - Other
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Apply By Email

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.

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

Metamorphic & Digital Manufacturing Systems

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 Metamorphic & Digital Manufacturing Systems
- Expertise in Metamorphic Manufacturing, and Future of Manufacturing
- And/or Expertise in Advanced Automation, Precision Control for Intelligent Machines, and Robotic Systems.
- And/or Expertise in Digital Manufacturing Systems, Digital Twins in Smart Manufacturing Systems.
- And/or Expertise in Translational research work with industry in Advanced Manufacturing.

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
- 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

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