

**Assistant Professor (Tenure-track) in Industrial AI
Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=231464>

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Posted Feb. 27, 2024, set to expire Jun. 27, 2024

Job Title	Assistant Professor (Tenure-track) in Industrial AI
Department	School of Mechanical and Aerospace Engineering
Institution	Nanyang Technological University Singapore, Singapore, Singapore
Date Posted	Feb. 27, 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	

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The School of Mechanical and Aerospace Engineering (MAE) is one of the top 11 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.

Industrial AI

Candidate Profile:

- Possess relevant Bachelor and PhD degrees from reputable universities.
- A good research track record, and postdoctoral experience would be advantageous.
- Research intersects the multidisciplinary field of artificial intelligence (AI), machine learning (ML), industrial data and decision sciences.
- AI and ML in areas of interest including but not limited to digital twins, smart and sustainable manufacturing systems, smart factory, applications of AI related to optimization, industrial and service operations, and maintenance of complex systems.
- Demonstrate specialization through adoption of advanced AI/ML tools, advanced modeling and simulation, and digital twins in smart manufacturing systems, smart factory, human-robot systems, and complex system design.
- The ability to develop and conduct an effective AI/ML research program in smart manufacturing and factory, supply chains, and logistics is expected.

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
- A competitive remuneration package and attractive benefits

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Contact Information

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

Contact

Singapore