

Assistant Professor (Tenure-track) in Biomechanics Nanyang Technological University

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

Job Title	Assistant Professor (Tenure-track) in Biomechanics
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 Industrial & Systems Engineering Human Factors Engineering/Ergonomics Engineering Physics Engineering Mechanics Electrical and/or Electronics Bioengineering (all Bio-related fields) Aerospace/Aeronautical/Astronautics Engineering - Other
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-track--in-Biomechanics_R00018580
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-track--in-Biomechanics_R00018580

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Apply By Email

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.

Biomechanics

Candidate Profile:

- Possess relevant Bachelor and PhD degrees from reputable universities.
- A good research and innovation track record, and postdoctoral experience would be advantageous.
- Research intersects the multidisciplinary field of Biomechanics, Movement Science, Human Factors and Artificial Intelligence.
- Fields of applications including but not limited to rehabilitation, sports, robotics, gerontechnology, wearable technologies and general human ability analysis.
- The ability to develop and conduct effective experiments with human subjects, well versed in motion capture technologies, simulation software and analytic tools, and to apply artificial

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intelligence and machine learning techniques to solve problems.

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

Contact Information

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

Contact

Singapore