

Assistant Professor (Tenure-track) in Aerospace Hybrid
Propulsion and Electrification
Nanyang Technological University

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Posted Feb. 16, 2024, set to expire Jun. 17, 2024

Job Title	Assistant Professor (Tenure-track) in Aerospace Hybrid Propulsion and Electrification
Department	School of Mechanical and Aerospace Engineering
Institution	Nanyang Technological University Singapore, Singapore, Singapore
Date Posted	Feb. 16, 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) 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.

Aerospace Hybrid Propulsion and Electrification

Candidate Profile:

- Possess relevant Bachelor and PhD degrees from reputable universities.
- Good research track record, and postdoctoral experience would be advantageous.
- Research experience should encompass at least one of the following broad areas of Aircraft Propulsion, Aircraft Electrification, Energy-efficient Aeroengines, Hybrid & electric Propulsion, and Green Propulsion Systems.
- Profound expertise in experimental methodologies and/or computational analysis/simulation in at least one of the above areas.
- Familiarity with the application of Artificial Intelligence, Machine Learning and/or Data Analytics in Aircraft Propulsion and related areas would be advantageous.

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
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Contact

Singapore