

Assistant Professor (Tenure-Track) in Alternative Energy  
Technology  
Nanyang Technological University

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

<b>Job Title</b>	Assistant Professor (Tenure-Track) in Alternative Energy Technology
<b>Department</b>	School of Mechanical and Aerospace Engineering
<b>Institution</b>	Nanyang Technological University Singapore, Singapore, Singapore
<b>Date Posted</b>	Feb. 16, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Transportation Engineering Sustainable Engineering Robotics Optics & Optical Engineering Mechatronics Mechanical Engineering Material/Metallurgy Manufacturing & Quality Engineering Industrial & Systems Engineering Engineering Mechanics Aerospace/Aeronautical/Astronautics
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-track--in-Alternative-Energy-Technology-and-Carbon-Management_R00016198">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-track--in-Alternative-Energy-Technology-and-Carbon-Management_R00016198</a>

**Apply By Email**

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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.

### **Alternative Energy Technology and Carbon Management**

#### **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 alternative and green energy technologies, and carbon management.
- Alternative and green energy technologies, and carbon management in areas of interest including but not limited to alternative, low- (or zero-carbon) energy resources, processes, and systems; carbon capture, utilization and storage (CCUS) technologies; energy efficiency, waste heat/cold recovery, and thermal management.
- Demonstrate specialization in experimental methodologies, computational analysis/simulation and data analytics/modelling.
- The ability to develop and conduct an effective experimental, computational/numerical research program in alternative energy technologies and carbon management 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

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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