

Full Professor (Tenured) in Renewable Energy/Hydrogen Nanyang Technological University

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Posted Feb. 27, 2024, set to expire Jun. 28, 2024

Job Title	Full Professor (Tenured) in Renewable Energy/Hydrogen
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	Professor
Academic Field(s)	Transportation Engineering Structural 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.

Renewable Energy / Hydrogen

Candidate Profile:

- Possess relevant Bachelor and PhD degrees from reputable universities.
- With more than 5 years experience in a senior academic leadership role or senior company leadership role will be an advantage.
- Possess a successful and proven track record of teaching achievements including academic/industry leadership and team building.
- Experienced in cross-disciplinary initiatives and collaboration.
- History of successful training and development of early career researchers, including PhD students.
- Strong network with renowned international entities and organisations will be a plus.
- Demonstrated research achievements in the fields of renewable energy or/and hydrogen. Possible areas are but not limited to renewable energy generation/transmission/storage, H2 production/storage and transportation/utilization/ infrastructure and safety, H2 gas turbine, etc
- Excellent written and verbal communication and interpersonal skills.
- Possess a strong research publication record with demonstrated leadership in conducting interdisciplinary research and collaboration with industry.
- History of successful grant achievements
- Experience with the related industry and/or academic administration will be advantageous

The successful appointee will be appointed as Full Professor with a joint appointment with both the School of Mechanical and Aerospace Engineering and the School of Materials Science and Engineering. The appointee is expected to be involved in teaching courses at both undergraduate and

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graduate levels, supervise graduate students and undergraduate projects 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