

**Research Associate (Power Electronics)
Nanyang Technological University**

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Posted May 21, 2024, set to expire Apr. 1, 2025

Job Title	Research Associate (Power Electronics)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 21, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Electrical and/or Electronics
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Associate--Power-Electronics-_R00017228
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Job Description	

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The School of Electrical and Electronic Engineering is one of the founding Schools of the Nanyang Technological University. Built on a culture of excellence, the School is renowned for its high academic standards and research. With more than 130 faculty members and an enrolment of more than 4,000, of which close to 1,000 are graduate students, it is one of the largest EEE schools in the world and ranks 4th in the field of Electrical & Electronic Engineering in the 2021 QS World University Rankings by Subjects.

The Research Associate will support the project titled: Development of Low-Frequency Metamaterials with Negative Magnetic Resistances. This project is focused on developing dynamic wireless power transfer and metamaterials for wireless power transfer.

Key Responsibilities:

- Work on design, analysis and hardware development of dynamic wireless power transfer and metamaterials for wireless power transfer for evaluation and comparison
- Provide assistance and guidance for research and undergraduate students in related topics.

Job Requirements:

- Master's in Electrical and Electronic Engineering or related field
- 3-year research experience in related area
- Expertise in Wireless Power Transfer
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Strong publication track record is preferred

- Hardware experience is preferred
- Proficiency in English.
- Able to work independently and be a team player.

We regret that only shortlisted candidates will be notified.

Contact Information

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

Contact

Singapore