

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

Direct Link: <https://www.AcademicKeys.com/r?job=236348>

Downloaded On: Nov. 22, 2024 7:17am

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

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

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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