

Research Fellow (Metamaterial for Wireless Power Transfer)  
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=231185>

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Posted Feb. 22, 2024, set to expire Jun. 22, 2024

<b>Job Title</b>	Research Fellow (Metamaterial for Wireless Power Transfer)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Feb. 22, 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>	Engineering - Other Electrical and/or Electronics
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Metamaterial-for-Wireless-Power-Transfer-_R00016257-1">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Metamaterial-for-Wireless-Power-Transfer-_R00016257-1</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Metamaterial-for-Wireless-Power-Transfer-_R00016257-1">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Metamaterial-for-Wireless-Power-Transfer-_R00016257-1</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The School of Electrical and Electronic Engineering invites applications for the position of Research Fellow.

To support the research for the project titled: Developing Low-Frequency Metamaterials for Three-

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Dimensional Inductive Power Transfer.

**Key Responsibilities:**

- Conducting research metamaterials for wireless power transfer systems at NTU.
- Design, analysis and hardware development of low-frequency metamaterials for wireless power transfer systems for evaluation and comparison
- Provide assistance and guidance for research and undergraduate students in related topics.

**Job Requirements:**

- PhD in Electrical and Electronic Engineering or related field
- 1-year research experience in related area
- Expertise in Electromagnetic Simulation
- Expertise in Wireless Power Transfer
- Expertise in Power Electronics
- Publication track record is an advantage
- Familiar with the Software Maxwell is an advantage
- Hardware experience is an advantage
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Proficiency in English

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** Eunice  
School of Electrical and Electronic Engineering  
Nanyang Technological University  
Singapore  
Singapore