

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

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

Job Title	Research Fellow (Metamaterial for Wireless Power Transfer)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Feb. 22, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Computer/Information Sciences Sciences - General
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Metamaterial-for-Wireless-Power-Transfer-_R00016257-1
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Metamaterial-for-Wireless-Power-Transfer-_R00016257-1
Apply By Email	
Job Description	

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