

## Research Assistant (Electrical Engineering) Nanyang Technological University

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Posted May 6, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Assistant (Electrical Engineering)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	May 6, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate Professional Staff
<b>Academic Field(s)</b>	Electrical and/or Electronics
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Assistant--Electrical-Engineering-_R00016986">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Assistant--Electrical-Engineering-_R00016986</a>

### Apply By Email

### Job Description

The School of Electrical and Electronic Engineering (EEE) is seeking to hire a Research Assistant to work on new device concepts for cryogenic electronics in i-Lab. The successful candidate will have access to state-of-the-art cleanroom facilities and measurement equipment, as well as opportunities for interdisciplinary collaborations.

### Key Responsibilities:

Support i-Lab in the areas including:

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Electromagnetic simulation of semiconductor components

- Design and modeling of nanoelectronic devices based on compound semiconductors
- Experimental studies on nanoelectronics devices at room temperature and cryogenic temperatures

### **Job Requirements:**

- Bachelor degree in Electrical Engineering or related field
- Knowledge in electromagnetic analysis using AWR or similar software
- Knowledge in design and simulation of RF circuits
- Knowledge in experimental methodologies to characterize RF circuits and components
- Proficiency in English is essential for conducting experimental studies
- Good team working skills

We regret to inform 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**

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Singapore