

Research Assistant (Micro-Electro-Mechanical Systems  
(MEMS))

Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=257129>

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Posted May 19, 2025, set to expire May 6, 2026

<b>Job Title</b>	Research Assistant (Micro-Electro-Mechanical Systems (MEMS))
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	May 19, 2025
<b>Application Deadline</b>	Open untill filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Electrical and/or Electronics
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Assistant--Micro-Electro-Mechanical-Systems--MEMS--_R00020755-1">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Assistant--Micro-Electro-Mechanical-Systems--MEMS--_R00020755-1</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Assistant--Micro-Electro-Mechanical-Systems--MEMS--_R00020755-1">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Assistant--Micro-Electro-Mechanical-Systems--MEMS--_R00020755-1</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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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 over 3,000 undergraduates students and 2,000 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 2025 QS World University Rankings by Subjects.

Today, the School has become one of the world's largest engineering schools that nurtures competent engineers and researchers. Each year, the School graduates over a thousand students who are ready to take on great ambitions and challenges.

For more details, please view: <https://www.ntu.edu.sg/eee>.

Innovative Electronic & Electromagnetic Devices Laboratory (i-Lab) at Nanyang Technological University (NTU) is looking for a Research Assistant to conduct research in the field of microelectronics. The role will focus on design, simulation, and experimental characterization of novel micro-electro-mechanical devices.

### **Key Responsibilities:**

- Theoretical investigations on new microelectronic components.
- Design and Multiphysics simulation of microelectromechanical radiofrequency components.
- Experimental characterization of microelectronic components.
- Providing general research support to i-Lab.

### **Job Requirements:**

- Minimum Bachelor's degree in Electrical Engineering or related field
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Expertise in simulating microelectronic components, complemented by advanced analytical skills.

- Good written and oral communication skills
- Good team working skills
- Entry level candidates are welcome to apply

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**

Singapore