

Research Fellow (Integrated Photonics)
Nanyang Technological University

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Posted May 14, 2025, set to expire May 6, 2026

Job Title	Research Fellow (Integrated Photonics)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore

Date Posted	May 14, 2025
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Application Deadline	Open untill filled
Position Start Date	Available Immediately

Job Categories	Research Scientist/Associate
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Academic Field(s)	Electrical and/or Electronics
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Apply By Email

Job Description

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@NTU) led by Prof. Mohammad Samizadeh Nikoo is seeking for a research fellow to focus on fabrication, simulation, and characterization of integrated photonics devices.

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Key Responsibilities:

The research fellow will focus on the following tasks:

- Design and Simulation of integrated photonics components such as waveguides, grating couplers, etc.
- Micro- and Nano-fabrication of photonics devices in cleanroom environments.
- Experimental characterization of integrated photonics chips.
- Providing general research support to i-Lab.

Job Requirements:

- PhD degree in Electrical Engineering, Physics, or related field
- Research experience in photonics with a strong publication track record
- Expertise in cleanroom nano-fabrication
- Excellent verbal and written communication skills
- Ability to work well in a team

To apply, please send your CV and the contact details of two references.

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