

Research Associate / Research Fellow (IC Design and Academic)  
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=256595>

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Posted May 6, 2025, set to expire Sep. 4, 2025

<b>Job Title</b>	Research Associate / Research Fellow (IC Design and Academic)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	May 6, 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-Associate---Research-Fellow--IC-Design-and-Academic-_R00020622">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate---Research-Fellow--IC-Design-and-Academic-_R00020622</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate---Research-Fellow--IC-Design-and-Academic-_R00020622">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate---Research-Fellow--IC-Design-and-Academic-_R00020622</a>

**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

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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>.

We are hiring a Research Associate/Research Fellow in IC design to design and realize high speed high efficiency analog/RF ICs. The Research Associate/Research Fellow is also expected to support teaching activities as required by the school.

**Key Responsibilities:**

This role involves working on innovative solutions in the field of RF power management IC. The key responsibilities of this position include:

- Design, implement and test high speed RF power management circuits and other related analog/mixed signal ICs. Development cycle including circuit design, simulation, modeling, layout, verification and measurements
- Design high power-efficiency RF power amplifiers
- Develop scripts and algorithms for analog IC design
- Prepare report and conduct presentation at seminars
- Assist the school in various teaching activities, including instructing or supervision of labs and tutorials

**Job Requirements:**

-

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MSc/MEng (Research Associate) or PhD (Research Fellow) in Electrical Engineering, Computer Science, Statistics, or other related fields.

- At least 2 years of relevant experience in IC design/Electronics
- Familiar with Analog/Power Management/RF/ADC/DAC IC design
- Proficiency in Cadence
- Proficiency in Python and Matlab
- Experience in implementing algorithms for machine learning
- Good written and oral communication 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

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