

Professor / Professor (Practice Track) / Associate
Professor (Tenured) in Integrated Circuits Design
Nanyang Technological University

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

Job Title	Professor / Professor (Practice Track) / Associate Professor (Tenured) in Integrated Circuits Design
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 6, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Prof of Practice/Clinical Prof Associate Professor Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering Engineering - Other
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Professor---Professor--Practice-Track----Associate-Professor--Tenured--Position-in-Integrated-Circuits-Design_R00016768
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Job Description	

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Nanyang Technological University (NTU) invites applications for an Endowed Professorship in Integrated Circuits Design, offering a stimulating and rewarding academic journey. We seek candidates at various career stages: a distinguished Professor with an exemplary research track record, a Practice Professor with substantial industry experience to lead collaborative research endeavours, and an Associate Professor with potential for growth in the field of Integrated Circuits and System design.

This position will be held at the School of Electrical and Electronic Engineering. Areas and priorities that we wish to develop and support through this appointment include (but not limited to):

- Emerging AI Edge and Machine Learning Circuits and Systems
- Ultra-Low Power High Speed Circuits for Satellites and Autonomous Vehicles
- Beyond 5G Circuits and SiP/SoC
- IoT Sensor and Flexible Electronics Circuits and Systems
- Hardware and Physical-Cybersecurity Circuits and Systems
- Quantum Circuits and Systems
- System Integration and IC/Package co-design

Responsibilities

The desired candidate is expected to (inclusive but not limited to):

Research Excellence

- Secure external research funding and develop a top-notch research program.
- Disseminate new research findings in peer-reviewed journals and premier conferences, contributing significantly to the domain of Integrated Circuits and Systems.
- Drive industry-relevant innovation and applications through research.

Teaching and Mentoring

- Deliver undergraduate and graduate courses in Integrated Circuits and systems.
- Mentor and supervise graduate students and postdoctoral research fellows, fostering a collaborative research environment.
- Contribute to curriculum development and refresh for IC design.

Service and Professionalism

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- Enhance research collaboration between EEE and industry partners.
- Engage in school, university, and professional service activities.
- Contribute to the academic community through participation in conferences, seminars, and workshops.

Requirements

Candidates with the following qualifications are encouraged to apply:

- A Ph.D. in Electrical and Electronic Engineering or a related field.
- Current appointment as a tenured professor at a leading international university.
- A distinguished record of research and innovation in integrated circuits and systems.
- Leadership in the professional community, as evidenced by conference organization, invited seminars, and professional service.
- Experience in teaching and mentoring students.
- Strong commitment to academic service and leadership.
- Excellent interpersonal and communication skills.

Application

Interested applicants should submit their applications (including a cover letter, CV, research and teaching statements, and citation report where applicable) through the NTU career portal. The review process will be ongoing until the position is filled, with only shortlisted candidates being notified.

NTU is committed to fostering a diverse and inclusive workforce, recruiting based on merit without regard to age, race, gender, religion, marital status, family responsibilities, or disability. Applications from all backgrounds are encouraged.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

, Singapore
Singapore

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Contact E-mail EEE-Fac-Recruit@ntu.edu.sg