

Assistant Professor/Associate Professor (Tenure Track/
Tenured) in Post-Quantum Cryptography (PQC)
Nanyang Technological University

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Posted Jul. 22, 2025, set to expire May 6, 2026

Job Title	Assistant Professor/Associate Professor (Tenure Track/ Tenured) in Post-Quantum Cryptography (PQC)
Department	School of Physical and Mathematical Science
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jul. 22, 2025
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Mathematics/Applied Mathematics Sciences - General
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Apply By Email

Job Description

School of Physical and Mathematical Sciences
Nanyang Technological University, Singapore
Asst/Assoc Prof (Tenure Track/ Tenured) in Post-Quantum Cryptography (PQC)

The College of Science seeks a diverse and inclusive workforce and is committed to equality of opportunity. We welcome applications from all and recruit on the basis of merit, regardless of age,

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race, gender, religion, marital status and family responsibilities, or disability.

The Division of Mathematical Sciences in the School of Physical and Mathematical Sciences at NTU provides a multidisciplinary academic program that provides students with a wide-ranging and up-to-date education.

The Division of Mathematical Sciences invites applications for an Asst/Assoc Prof (Tenure Track/Tenured) position specializing in Post-Quantum Cryptography (PQC). This position focuses on advancing the field of PQC, which is critical in the era of quantum computing.

Key Responsibilities

- Conduct pioneering research in post-quantum cryptography.
- Publish high-impact papers in leading journals and conferences.
- Secure research funding from competitive grants and industry partnerships.
- Mentor and supervise graduate students and postdoctoral researchers.
- Collaborate with interdisciplinary teams within the university and with external partners.
- Deliver engaging and effective teaching to both undergraduate and graduate students.
- Undertake essential administrative responsibilities within the School.

Qualifications

- Doctoral degree in Mathematics, Computing Science, or a closely related field with a specialization in Post-Quantum Cryptography.
- Demonstrated excellence in research, evidenced by a strong publication record in reputable journals and conferences.
- Recognition in the research community, such as invited talks, awards, or memberships in professional societies.
- Proven ability to secure research funding (for Assoc Prof).
- Strong commitment to teaching and mentoring students.
- Excellent communication and collaboration skills.

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Application Procedure

Required application documents:

- Cover letter
- Curriculum Vitae including a full publication list
- Statement of current and future research interest
- Teaching statement
- Names of at least three referees

Contact Information

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

Contact

School of Physical and Mathematical Science
Nanyang Technological University
Singapore
Singapore