

Assistant Professor / Associate Professor in Logic and
Foundations of Mathematics
Nanyang Technological University

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

Job Title	Assistant Professor / Associate Professor in Logic and Foundations of Mathematics
Department	School of Physical and Mathematical Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Aug. 19, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Mathematics/Applied Mathematics
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor---Associate-Professor-in-Logic-and-Foundations-of-Mathematics_R00021661
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Job Description	

School of Physical and Mathematical Sciences (SPMS)

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Nanyang Technological University, Singapore

Assistant Professor / Associate Professor in Logic and Foundations of Mathematics

Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked among the world's top universities. 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, race, gender, religion, marital status, family responsibilities, or disability.

The School of Physical and Mathematical Sciences at NTU offer multidisciplinary academic programs that provide students with a wide-ranging and up-to-date education. They offer undergraduate training leading to BSc (Hons) and graduate training leading to MSc and PhD degrees.

We invite applications for an **Assistant Professor / Associate Professor** position specializing in **Logic and Foundations of Mathematics**. The role involves leading research and teaching in the field of Logic and Foundations of Mathematics, and the appointee will be expected to conduct and disseminate research within the broad domain of Mathematical Logic. Areas of interest include computability theory, descriptive set theory, computable structure theory, theory of numberings, and higher recursion theory. Research should explore interactions with other areas of logic and mathematics, such as constructive mathematics, theoretical computer science, algebra, and analysis. The successful candidate should actively seek collaborations with research groups beyond mathematical logic and leverage on the multidisciplinary ecosystem of NTU.

The candidates are expected to:

- Establish a world-class research programme.
- Enhance the College's visibility as an international leader in education and research.
- 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 Schools.

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Requirements:

- PhD in mathematical logic or a related subject.
- Strong research record and relevant publications in reputable peer-reviewed international journals and conferences.
- A good track record of supervising research staff, postdocs, students, and interns in relevant fields
- Experienced in cross-disciplinary research initiatives and collaboration.
- Demonstrated excellence in research, evidenced by a strong publication record in reputable journals
- Recognition in the research community, such as invited talks, awards, or memberships in professional societies.
- Proven ability to secure research funding.

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 Ng Soke San
School of Chemistry, Chemical Engineering and
Biotechnology
Nanyang Technological University

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Contact E-mail ngss@ntu.edu.sg