

**Project Officer (Optical Fiber Fabrication)
Nanyang Technological University**

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Posted Jan. 28, 2025, set to expire May 29, 2025

Job Title	Project Officer (Optical Fiber Fabrication)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jan. 28, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Electrical and/or Electronics Optics & Optical Engineering
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Project-Officer--Optical-Fiber-Fabrication-_R00019674

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 1,000 graduate students it is one of the largest EEE schools in the world and ranks 10th in the field of Electrical & Electronic Engineering in the 2024 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.

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For more details, please view: <https://www.ntu.edu.sg/eee> and <https://www.ntu.edu.sg/coft>

The Centre for Optical Fiber technology (COFT) hosts state-of-the-art fabrication equipment for several kinds of optical fibres, ranging from standard silica fibres to a variety of advanced specialty fibres, microstructured fibres and novel glasses. Key equipment includes a 8.5 m dual-side fibre drawing tower, a Modified Chemical Vapour Deposition (MCVD) fibre preform lathe hosted in 200 m² of cleanroom space. The facility also includes 300 m² of dedicated chemical preparation area for glass etching and machining, advanced fibre processing and characterisation systems,

We are looking for a Project Officer to support optical fiber fabrication and facility management at the Centre for Optical fiber Technology. The role will focus on fabrication of optical fibers using modified chemical vapor deposition and stack-and-draw technique. The Project Officer will also be responsible for the upkeep for the fiber fabrication facility.

Key Responsibilities:

- Fabricate optical fibers in the fiber fabrication facility at NTU.
- Characterize basic properties of the optical fibers fabricated and cataloguing them.
- Maintain and troubleshoot of fiber fabrication facility.
- Provide logistical and administrative support pertaining to laboratory operations.

Job Requirements:

- Bachelor's degree in Materials Science Engineering, Electrical and Electronic Engineering, or related field.
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Prior experience in laboratory environment.

- Excellent troubleshooting skills.
- Good written and oral communication skills.
- Ability to work independently and excellent time management 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