

Professional Officer (all levels) in Chemical Process  
Engineering, Analytical Technology  
Singapore Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=251296>

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Posted Jan. 9, 2025, set to expire Jul. 5, 2025

**Job Title** Professional Officer (all levels) in Chemical Process Engineering,  
Analytical Technology

**Department** Professional Officers

**Institution** Singapore Institute of Technology  
Singapore, , Singapore

**Date Posted** Jan. 9, 2025

**Application Deadline** Open until filled

**Position Start Date** Available immediately

**Job Categories** Professional Staff

**Academic Field(s)** Chemical/Petroleum

**Job Website** <https://careers.singaporetech.edu.sg/cw/en/job/498830/professional-officer-all-levels-in-chemical-process-engineering-analytical-technology>

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**Job Description**

## Professional Officer (all levels) in Chemical Process Engineering, Analytical Technology

**Job no:** 498830

**Department:** Professional Officers

**Contract type:** Contract

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### Key Responsibilities

- Design and teach labs & practice modules.
- Mentor students in Capstone Projects and the Integrated Work Study Programme (IWSP).
- Lead or co-lead innovation projects with industry.
- Manage labs and equipment to support academic programmes and applied research.

### Job Requirements

1. A good degree in Chemical Engineering or a related field. Masters, PhD and/or relevant professional certifications would be advantageous.
2. At least 10 years of working experience in chemical processing, quality control, and characterization with an expertise in organic/inorganic chemistry and biopharmaceutical synthesis and modification.
3. Proficiency in analytical techniques such as HPLC, GC-MS, LC-MS, ICP-OES, ICP-MS, NMR, and related methods, with a focus on biopharmaceutical analysis.
4. Operational Knowledge in unit operations (for e.g. Heat Exchanger, Distillation Column, Reactors, Cooling Tower etc).
5. Practical knowledge of Quality Management Systems and Engineering standards including but not limited to ISO9001, OSHA and BSI etc.
6. Practiced in Chemical Process Design software (for e.g. HYSYS)
7. Extensive experience and knowledge of industry practices to bring industry perspective to SIT.
8. Keen interest in innovation projects, with demonstrated ability in developing solutions to technical problems.
9. Strong supervisory skills and enjoy working closely with students in an educational environment.

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**Advertised:** 09 Jan 2025 Singapore Standard Time

**Applications close:** 08 Jul 2025 Singapore Standard Time

**Contact Information**

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applying for or inquiring about this job announcement.

**Contact**

Singapore