

Professional Officer (All Levels) (Chemistry)
Singapore Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=225071>

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Posted Nov. 6, 2023, set to expire Jul. 5, 2024

Job Title Professional Officer (All Levels) (Chemistry)
Department Professional Officers
Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Nov. 6, 2023

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Material/Metallurgy
Chemical/Petroleum

Job Website <https://careers.singaporetech.edu.sg/cw/en/job/498548/professional-officer-all-levels-chemistry>

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Job Description

Professional Officer (All Levels) (Chemistry)

Job no: 498548

Department: Professional Officers

Contract type: Contract

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Key Responsibilities

- Develop and deliver hands-on and practical classes in the laboratory.
- Teach and assess student learning in laboratory and through innovation projects.
- Mentor and coach students during practical learning activities in workplace during Integrated Work-Study Programme.
- Supervise students in Capstone Projects.
- Lead or co-lead projects to co-create innovation for industry. Be responsible for application and deliver research grant.
- Manage laboratories and equipment to support academic programmes and applied research.
- Ensure safety in laboratories

Job Requirements

- A good degree in Chemical Engineering/Material Science and Engineering, or a related field. Masters, PhD and/or relevant professional certifications with a focus on Chemistry or Material Science within the Food and Pharmaceutical industry would be advantageous.
- A deep technical specialist with 10 or more years of working experience in analytical chemistry, chemical and material testing would be preferred.
- Strong understanding of organic chemistry; synthesis techniques, and characterization methods. Proficiency in polymer chemistry, including monomer synthesis and modification would be an advantage.
- Good knowledge and hands-on experience in analytical techniques such as HPLC, GC-MS, LC-MS, ICP-OES, ICP-MS, NMR, and related methods.
- Knowledge of quality assurance, regulatory compliance, and Industry Standards in Food and Pharmaceutical.
- Extensive experience and knowledge of industry practices to bring industry perspective to SIT.
- Keen interest in innovation projects, with demonstrated ability in developing solutions to technical problems.
- Strong supervisory skills and enjoy working closely with students in an educational environment.
- Demonstrate proficiency to keep abreast of development in the field and pursue professional certification programs. Possess industrial certifications in relevant areas will be an added advantage.

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06 Nov 2023 Singapore Standard Time

Applications close: 06 May 2024 Singapore Standard Time

Contact Information

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

Contact

Singapore