

Professional Officer (All Levels) (Electrical/Electronic
Engineering)
Singapore Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=246765>

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Posted Oct. 9, 2024, set to expire Jul. 5, 2025

Job Title Professional Officer (All Levels) (Electrical/Electronic Engineering)
Department Professional Officers
Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Oct. 9, 2024

Application Deadline 08 Apr 2025 Singapore Standard Time

Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Electrical and/or Electronics

Job Website <https://careers.singaporetech.edu.sg/cw/en/job/498785/professional-officer-all-levels-electricalelectronic-engineering>

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Job Description

Professional Officer (All Levels) (Electrical/Electronic Engineering)

Job no: 498785

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.
- Ensure safety in labs.

Job Requirements

1. A good degree in Electrical/Electronics Engineering or related fields. Possessing a Masters, PhD and/or relevant professional certifications would be advantageous.
2. Deep technical specialist with 10 or more years of working experience in Electrical/Electronics Engineering environment.
3. Have deep, hands-on competence in the following areas:
 - High voltage switching
 - Engineering design, modelling & analysis of conventional power, wind & solar farms
 - Engineering design of transmission & distribution substations, electrical distribution systems of industries and commercial buildings
 - Power system protection application and relay coordination
 - Digital/Analogue/Power electronics
 - IoT/Micro-controller application
4. It will be advantageous with working knowledge of/as:
 - Knowledge in programming/using Python, MATLAB, LTspice, IoT platform.
 - Authorised high voltage switching Engineer.
5. Extensive hands-on experience and knowledge of industry practices and engineering principles to bring industry perspective to SIT.
6. Keen interest in innovation projects, with demonstrated ability in developing solutions to technical problems.
7. Strong supervisory skills and enjoy working closely with students in an educational environment.
8. 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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Applications close: 08 Apr 2025 Singapore Standard Time

Contact Information

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

Contact

Singapore