

Assistant Professor / Associate Professor / Professor in  
Digital Supply Chain  
Singapore Institute of Technology

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Posted Aug. 19, 2024, set to expire Jul. 5, 2025

**Job Title** Assistant Professor / Associate Professor / Professor in Digital  
Supply Chain

**Department** Engineering

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

**Date Posted** Aug. 19, 2024

**Application Deadline** Open until filled

**Position Start Date** Available immediately

**Job Categories** Assistant Professor  
Associate Professor  
Professor

**Academic Field(s)** Logistics/Supply Chain Management

**Job Website** <https://careers.singaporetech.edu.sg/cw/en/job/498745/assistant-professor-associate-professor-professor-in-digital-supply-chain>

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**Job Description**

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**Contract type:** Contract, Permanent

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## **FACULTY OPENINGS AT THE SINGAPORE INSTITUTE OF TECHNOLOGY**

The Singapore Institute of Technology (SIT) is Singapore's first University of Applied Learning, offering industry-relevant degree programmes that prepare its graduates to be work- and future-ready professionals. Its mission is to maximise the potential of its learners and to innovate with industry, through an integrated applied learning and research approach, so as to contribute to the economy and society.

The university's unique pedagogy integrates work and study, embracing authentic learning in a real-world environment through collaborations with key strategic partners. Its focus on applied research with business impact is aimed at helping industry innovate and grow. SIT's centralised campus within the larger Punggol Digital District will feature a vibrant learning environment where academia and industry will be tightly integrated with the community. SIT espouses an applied learning approach and offers degrees with a strong focus on science and technology. Our faculty work closely with industry on translational research and innovation, as well as provide consultancy on solutions to industry challenges. This well-established nexus with industry endows our graduates with deep skills and work-ready training experience - attuning them to the needs and demands of the future economy.

SIT is also establishing strategic live test beds known as 'Living Labs' both within and beyond its upcoming Punggol campus to support greater experiential learning and strengthen its applied research offerings. The university's pool of Engineering experts works with multi-disciplinary teams to drive strategic translational research in key areas such as energy resilience, sustainable infrastructure engineering and maintenance, and maritime engineering.

As a young university, we encourage innovation and seek the right candidates to join us in realising our vision into an increasingly vibrant reality. We offer competitive remuneration, generous employment benefits, access to funding to undertake research of relevance to industry, and opportunities to inspire and nurture the next generation of skilled and work-ready undergraduates.

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For this faculty position, we are looking for candidates with an engineering background, who have extensive experience in the area of digital supply chain.

### **Essential**

- Academic and/or industrial experience in design and managing digital supply chain solutioning and supply chain management.
- Having a background and interest in one or more fields of digital supply chain, including but not limited to digital supply chain transformation, digital manufacturing, E-procurement, E-commerce, E-logistics.
- Experience and knowledgeable in one or more areas of supply chain operations management, risk management and operations research, such as demand forecasting, inventory control, procurement, manufacturing, distribution, warehouse and transportation simulation, optimization and management.
- Motivated to develop and to teach curriculum in supply chain sustainability.
- Strong demonstration of interest to develop supply chain security, supply chain digital twin, and artificial intelligence solutions through applied research projects.

### **Desirable**

- Good knowledge in digital supply chain-related technologies such as AI, LLMs, Cyber Security, IoT, 3D printing, automation, supply chain security, digital twins, and block chains.
- Hands on experience in commercial digital supply chain solutioning projects with both hardware and software elements.
- Experience in digital supply chain related projects with strong integration of the three pillars, i.e., Digitalization, Resilience and Agility, and Green Supply Chain.
- Preferred to having a PhD in a related technical area.
- Led or involved in strong industry - academia partnership projects.

Successful candidates will join the **Engineering (ENG) Cluster** (one of five academic clusters in SIT), as members of a team of accomplished experts who are passionate about higher education and deeply

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**Advertised:** 19 Aug 2024 Singapore Standard Time

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