Connecting with our Community

SIT's Punggol Campus is a vibrant centre of learning, innovation and sustainability in Punggol. We collaborate closely with industry and community to positively influence the local community, while at the same time enhancing our students' learning and shaping their values.

SIT Community Challenge 2024

The SIT Community Challenge empowers students to apply STEM skills to tackle real-world social issues, reinforcing the university's commitment to being a platform university anchored by an ecosystem of partners.

Participants from four secondary schools in Punggol took part in a six-day immersive experience, where they attended workshops led by SIT academic staff and SITizens. The sessions combined empathy training, technical skill-building, product sharing, and mentorship. Students developed practical solutions to support commuters with mobility challenges in navigating public transport independently.

SIT Photo: Keng Photography

Social Innovation Project Module

SIT Photo

Through the Social Innovation Project (SIP) module, all SIT undergraduates put human-centred design into practice, co-creating solutions for multi-faceted social challenges.

Since AY2023, the number of overseas immersion trips has doubled. SITizens now work with peers in Bandung, Medan and Surabaya (Indonesia) and Batangas (Philippines), spending 5–7 days collaborating with local communities.

These trips offer invaluable opportunities to observe on-ground practices, build empathy, and co-create solutions tailored to local contexts, reinforcing SIT's commitment to applied, global learning.

> Collaboration with Institut Teknologi Sepuluh Nopember (ITS) in Surabaya
>> • 34 SITizens collaborated with ITS students to focus on three problem statements on
>>> - stunting in children;
>>> - palliative care for seniors; and
>>> - community effort in recycling trash.

Through engaged observations and conversations, our SITizens proposed solutions such as a food stamp programme for families with young children; shared spaces for community-based palliative care; and an Internet of Things (IoT) compact maggot cultivation system.

CLASIC Project Grant

Since its launch in AY2021, the CLASIC Project Grant has supported 14 community-engaged projects led by SIT academic staff, with nine projects completed so far.

> To date, a total of $176,104 has been disbursed to enable SIT's mission of grounded community impact.

SIT Photo

A multidisciplinary SIT team led by Assistant Professors Mark Teo and Kyrin Liong, Associate Professor Steven Tay, and former Associate Professor Karina Dancza partnered with Rainbow Centre and HOPE Technik to design a specialised classroom chair for children with special needs. Supported by a CLASIC grant, this community-engaged project exemplifies SIT's commitment to creating meaningful solutions that improve lives, with the team now exploring further implementation at Rainbow Centre and future inclusive classroom designs.

SIT Photo

Community Engagement: Inspiring Young Minds, Strengthening Ties

Some community engagement efforts by SIT in FY2024 included:

> Sharing sessions and assembly talks with more than **1,190 students** at four Punggol secondary schools, introducing students to real-world applications of science and technology.

> Four workshops on 3D printing and artificial intelligence for 129 students, facilitated by SIT's Professional Officers and members of the SITech Developers Club.

> More than 120 students, ranging from primary to junior college levels, took part in STEM-focused camps and hackathons organised by SIT and its partners. These programmes provided early exposure to emerging technologies and inspired young learners to explore the possibilities of applied learning.