

Nestled in the heart of the Punggol Digital District (PDD), Singapore's up-and-coming premier smart district master-planned and developed by JTC, the Singapore Institute of Technology (SIT) stands as a hub for our SITizens, industry and community. This award-winning campus is where innovation thrives. Let's discover SIT's brand-new Punggol Campus together!



#### **Smarter Than You Think**



Powered by IoT, the smart campus will have an **Integrated Building Management System (IBMS)** that oversees campus-wide systems such as lighting and security to enable holistic facilities management and energy optimisation. A network of over **20,000 sensors** collects real-time data on temperature, light and footfall to feed into the IBMS.



# Sustainably Powered

- Two **Super Low Energy (SLE) buildings**, touted to be among the best-in-class energy-efficient buildings in Singapore, are slated to achieve **at least 40% energy savings** based on prevailing code.
- ▶ SIT has partnered with SP Group to build Southeast Asia's **first Multi-Energy Microgrid (MEMG)** with approximately 10,000m² of photovoltaic (PV) solar panels, providing enough electricity to **power 1,000 four-room flats per year!**
- SIT and ENGIE will build the District Cooling System (DCS) to provide chilled water for air-conditioning that can reduce carbon footprint and improve energy efficiency by about 30% more than traditional cooling methods.



Awarded the **BCA Green Mark Platinum Award** 



Awarded the BCA Universal Design Mark GoldPLUS (Design) Award

SIT has implemented a water management framework and infrastructure to **harvest rainwater** from the land. The amount of non-drinking water saved annually can **fill 34 Olympic-size swimming pools!** 



Awarded the Active Beautiful Clean (ABC) Waters Certified (Gold) Award

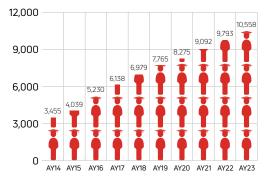
No single-use disposables in this house—remember to bring your own (BYO) containers for takeaways!



## **Growing SIT Community**



Our Punggol Campus marks the coming together of six different locations into a new space we can call home. With our united and diverse community of students and staff, we are excited to build a vibrant campus life, foster connections and create memories that will last a lifetime.



Student Enrolment

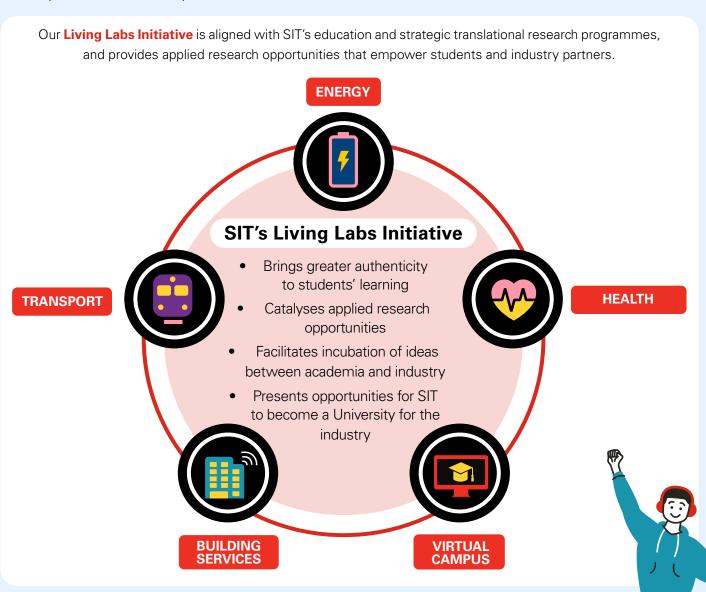
Data attained from official student numbers of the relevant AY.



### A Learning Hub for Future Readiness

SIT's co-location in the PDD will enhance our applied learning and applied research endeavours. Students will engage in authentic learning experiences and problem-solving opportunities through the real-world systems of our on-campus Living Labs and those of our partners. Our collaborations with industry and community to co-develop solutions via translational research, build impactful solutions and nurture talent will also add to the district's buzz.

SIT has also embarked on off-campus Living Lab initiatives (Healthcare and Transport) with our key partners. Through our Living Labs, SIT will leverage our infrastructure and capabilities to bring value to our students, industry and the community.



#### **Getting Here**

Punggol Coast MRT station, located right at the doorstep of the campus, commenced operations on 10 December 2024



SCAN HERE FOR MORE INFORMATION!