

# ADVANCED ROBOTICS TAKES SAFETY IN OUR BUILT ENVIRONMENT TO A WHOLE NEW LEVEL.

**Asst Prof Vincent Gan**  
(Built Environment)

**Dr Justin Yeoh**  
(Civil & Environmental  
Engineering)



Meet our robots transforming our built environment.

By integrating building information with machine learning, we make our robots smarter and safer.

Capable of navigating complex indoor environments, our robots ensure that our buildings and infrastructure are built to the highest quality and safety standards.

At the NUS College of Design and Engineering (CDE), we integrate AI and robotics to equip students for impactful careers across diverse industries and to enhance human capabilities in complex environments.

With 70 years of engineering excellence, we continue to shape the future with ground-breaking innovations.

Explore the possibilities of engineering robotics and AI, including the new BEng Robotics and Machine Intelligence, at the NUS CDE Open House and be part of the future.



**See you at the  
CDE Open House!**  
Scan to find out more.

[cde.nus.edu.sg/admissions25](https://cde.nus.edu.sg/admissions25)



**70** years of  
engineering  
education

Ranked globally for  
**#9** Engineering  
(THE 2025)

Over  
**90k** alumni  
worldwide



College of Design  
and Engineering