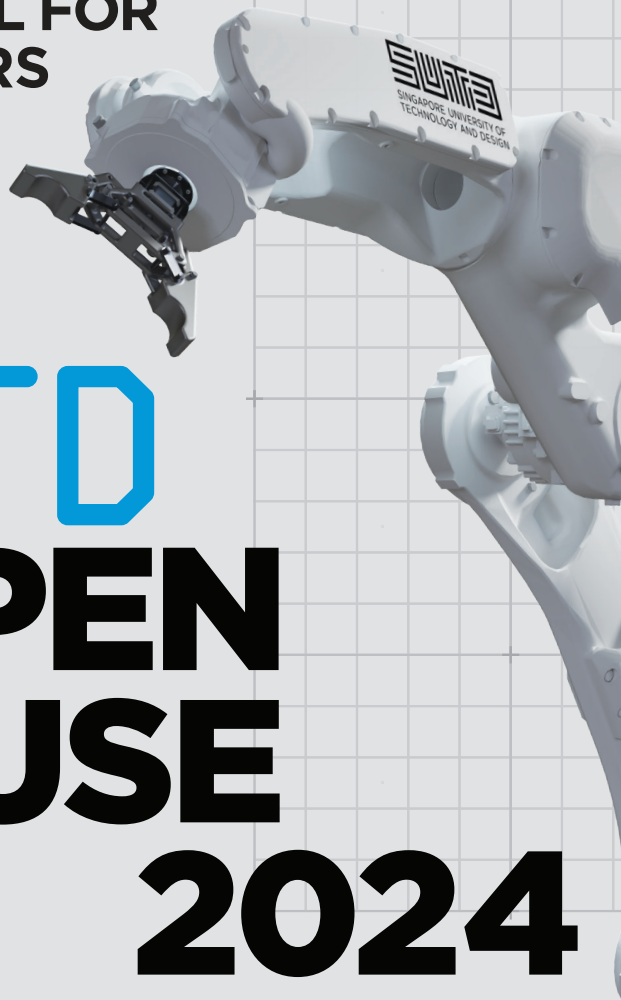


WELCOME TO  
THE SCHOOL FOR  
INNOVATORS



# SUTD OPEN HOUSE 2024

24 & 25 FEB

10.30AM – 5.30PM

NIGHT FIESTA (24 FEB)

6PM – 9.30PM

**TRAILBLAZING A  
BETTER WORLD BY DESIGN.**

**SUTD**  
SINGAPORE UNIVERSITY OF  
TECHNOLOGY AND DESIGN

# THIS IS SUTD

## WELCOME TO SUTD OPEN HOUSE 2024!

At SUTD, we believe in bringing out the best in our students by instilling in them strong design-thinking skills — skills which will enable them to make a difference when they go out into the world. Skills which can change the way people live and play, which can help solve major socio-economic issues resulting from global problems like climate change, and which will remain relevant years after they graduate.

Our graduates are design innovators who have gone on to make a difference in the world. **You can too!**

### 5 UNDERGRADUATE PROGRAMMES



FIND  
OUT  
MORE

ASD

**Architecture and Sustainable Design**  
BACHELOR OF SCIENCE

CSD

**Computer Science and Design**  
BACHELOR OF ENGINEERING

DAI

**Design and Artificial Intelligence**  
BACHELOR OF SCIENCE

EPD

**Engineering Product Development**  
BACHELOR OF ENGINEERING

ESD

**Engineering Systems and Design**  
BACHELOR OF ENGINEERING

### 3 SPECIAL PROGRAMMES

On top of the five undergraduate programmes, our suite of special programmes are designed to stretch your abilities beyond technology and design.



FIND  
OUT  
MORE

SHARP

**SUTD Honours And Research Programme**

Graduate with a **Bachelor of Engineering (BEng) or Science (BSc)** degree, with the option to pursue a **Concurrent BEng-Master of Engineering (MEng)** by Research Degree Pathway (CDP)\*.

STEP

**SUTD Technology Entrepreneurship Programme**

Graduate with a **Bachelor of Engineering (BEng) or Science (BSc)** degree and may proceed to pursue a **Master of Science (MSc)** in Technology Entrepreneurship degree.

SUTD  
DUKE  
NUS

**SUTD-Duke-NUS Special Track**


Graduate with a **Bachelor of Engineering (BEng) or Science (BSc)** degree at SUTD and may proceed to pursue a **Doctor of Medicine (MD)** degree at Duke-NUS Medical School^.

Information on the Special Programmes is subject to change. Please scan the QR code above for the latest updates.

\* Only selected SHARP students in CSD, EPD and ESD are eligible for application to the CDP.

^ Contingent on academic performance and other criteria such as Medical College Admission Test (MCAT).

# WHAT'S ON?

 **VARIOUS LOCATIONS**



## DEGREE PROGRAMME SHOWCASE

 **VARIOUS LOCATIONS**

Discover what's unique about our degree programmes through their all-round showcase with our faculty members, alumni and students.

*Refer to Degree Programme Showcase pages for details.*



## FIFTH ROW SHOWCASE

 **CAMPUS CENTRE LVL 1 & 2 AND OPEN PLAZA**

All-day performances by our students at the Campus Centre; chat with our students and find out how they pursue their passions beyond the classroom — with over 80 student clubs and growing!



## FABLAB & EV JOYRIDE

 **FABLAB**

Explore our state-of-the-art FabLab and catch our high-performance electric vehicle (EV) featuring an innovative 3D-printed aluminium chassis in action!



**FIND  
OUT  
MORE**



**FIND  
OUT  
MORE**

## CONSULTATIONS

 **LIBRARY**

Get one-on-one dedicated consultation on admissions, financial matters, programmes and special programmes.



## TALKS

 **AUDITORIUM AND VARIOUS LOCATIONS**


Get a quick snapshot about SUTD, admissions and programmes at the talks. Hear not only from us but also from industry partners and alumni.

*Refer to Talks Schedule page for details.*



**FIND  
OUT  
MORE**

## HANDS-ON

 **LIBRARY AND FABLAB**

Learn about the SUTD Freshmore experience through Humanities, Arts and Social Sciences (HASS) and Science, Mathematics and Technology (SMT) workshops; tackle obstacles with robotics; and bring home DIY souvenirs from FabLab!



## TOURS

 **WELCOME AND INFO BOOTH**

Check out our facilities and hostel by signing up for campus and hostel tours.

## BOOTHS

 **LIBRARY**

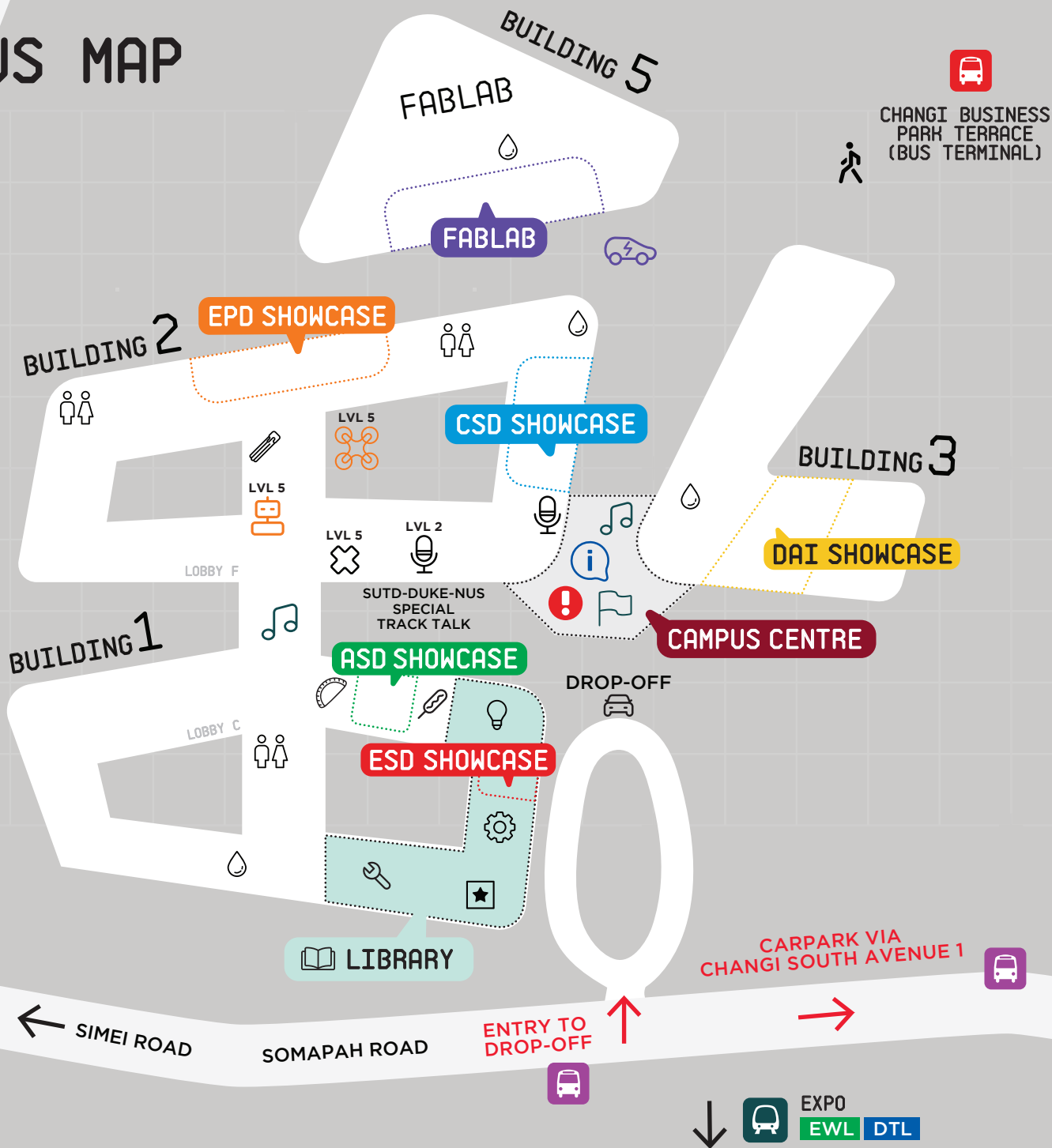
Learn about overseas opportunities, career development, entrepreneurship support and more by exploring our booths at the Library.

# CAMPUS MAP

UPPER CHANGI ROAD EAST



DTL  
UPPER  
CHANGI



## NEAREST MRT STATIONS

UPPER CHANGI **DTL**

EXPO **EWL** **DTL**



## NEAREST BUS STOPS

BUS NUMBERS 2, 5, 20, 24



## NEAREST BUS TERMINAL

BUS NUMBERS 47, 118



WELCOME & INFO BOOTH



REGISTRATION & REDEMPTION



CAMPUS & HOSTEL TOURS SIGN-UP



FIFTH ROW SHOWCASE



TALKS



CAMPUSX SHOWCASE



## LIBRARY



### STUDENT DEVELOPMENT

- Careers & Internships
- Venture, Innovation & Entrepreneurship
- Overseas Opportunities
- SUTD Academy
- 42 Singapore



### ADMISSIONS, SCHOLARSHIPS & FINANCIAL MATTERS

- 1:1 Consultations



### FRESHMORE & SPECIAL PROGRAMMES

- Humanities, Arts and Social Sciences
- Science, Mathematics and Technology
- SUTD-Duke-NUS Special Track
- SUTD Honours And Research Programme
- SUTD Technology Entrepreneurship Programme



### FRESHMORE EXPERIENCE

- Workshops by:
  - Humanities, Arts and Social Sciences
  - Science, Mathematics and Technology



ASD Bldg 1, Lvl 6



CSD Bldg 2, Lvl 3



DAI Bldg 3, Lvl 3



EPD Bldg 2, Lvl 3 & 5



ESD Library Lvl 2



EV JOYRIDE



ROBOT MANIA



WATER COOLER



TOILET



AERIAL ARENA



CHURROS



CURRY PUFF



CORN DOG

# DEGREE PROGRAMME SHOWCASE

## ASD SHOWCASE



### CAMPUS CENTRE

#### AR AND VR AT ASD

SUTD is the first university to use virtual reality (VR) and augmented reality (AR) technologies in its teaching of architectural design. Have a glimpse into how AR and VR can be integrated into architectural design, allowing you to experience the space you are designing and promptly make adjustments to your design, breaking through both time and space constraints.



### ASD STUDIO 2 (BLDG 1, LVL 6)

#### ARCHITECTURE EXHIBITION TOUR

Find out how ASD prepares our students to meet the evolving needs of architecture in the digital era through an innovative curriculum. From towering skyscrapers to sustainable eco-friendly structures, our exhibition celebrates the diversity and ingenuity of architectural styles and approaches.

#### HUMAN LIBRARY

**12PM – 1PM, 3PM – 4PM**

Learn first-hand from our faculty and students about the delightful blend of fun and rigour that defines the world of Architecture at SUTD.

*Scan QR code to book a time slot.*



## CSD SHOWCASE



### AUDITORIUM

#### PANEL TALK – COMPUTING AND INTELLIGENCE FOR A BETTER AND SUSTAINABLE WORLD 12PM – 12.30PM

Professor Tony Quek, Head of Information Systems Technology and Design (ISTD) Pillar, together with a panel comprising industry partners, alumni and student representatives, will provide an overview of the CSD programme (offered by the ISTD Pillar) through this short but informative and interactive sharing session.

### AI MEGA CENTRE (BLDG 2, LVL 3)

#### 1:1 CONSULTATION SESSIONS

Have a face-to-face and one-on-one personal chat with our faculty, alumni or student representatives in a cosy setting; find out everything you want to know about the CSD programme.

#### AI AND FUTURE COMMUNICATIONS PROJECT DEMO

Take a glimpse into how advance AI and 5G technologies can be interweaved to produce futuristic solutions or products in the real world. A not-to-be-missed opportunity to immerse yourself in our state-of-the-art project demonstrations at SUTD's AI Mega Centre, which is also home to the Future Communications R&D Programme (FCP).

#### STUDENT PROJECT EXHIBITION

A showcase of student project prototypes – find out how CSD students apply their design-thinking and computing skills in the real world, interact with our staff and students to find out how the CSD curriculum inspires them.

## DAI SHOWCASE



### DESIGNZ (BLDG 3, LVL 3)

#### ENGAGEMENT SESSIONS

**12PM, 2PM, 4PM**

Learn about the DAI programme and hear first-hand about the learning experience in DAI in a face-to-face chat with its faculty and students.

*Scan QR code to book a time slot.*



#### DESIGN AND AI SHOWCASE

Immerse yourself in this dynamic showcase and learn how DAI students foster connections between AI and design-thinking methodologies. Become future-ready through diverse exposure to different industry sectors and working on real-world problems with data sponsored by industry partners.

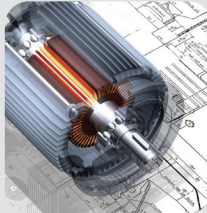
## EPD SHOWCASE



### CAMPUS CENTRE

#### WELCOME

Check in at our info counter for our full schedule of activities and locations. Get a handout to help track your progress through the four different aspects/stations of the EPD showcase.



### DYSON-SUTD INNOVATION STUDIOS (BLDG 2, LVL 3)

#### STATION 1 - LEARN

Check out our EPD curriculum booth and find out more from informal sharing and Q&A by students and alumni.

#### STATION 2 - EXPERIENCE

A showcase of student prototypes — a visual representation of the 2D (design) process, student works and awards, including the James Dyson Award runner-up.

#### TALKS BY HEAD OF PILLAR 1.15PM - 1.45PM, 4.30PM - 5PM

#### MICRO-TALKS BY FACULTY 3.30PM, 3.45PM, 4.00PM, 4.15PM

### BLDG 2, LVL 5

#### STATION 3 - ADVENTURE @ AERIAL ARENA

Drone flying demonstrations throughout the day and a chance to speak with staff and researchers to learn more about how drones work.

#### STATION 3 - ADVENTURE @ LECTURE THEATRE (LT) 5

Display of large robots that can move and perform tasks — catch robot control in action!

### DYSON-SUTD INNOVATION STUDIOS (BLDG 2, LVL 3)

#### STATION 4 - PLAY

Complete your LEAP (Learn, Experience, Adventure and Play) journey back at the Dyson-SUTD Innovation Studios. See Bernina sewing machines in action and redeem a free customised embroidered cap.

## ESD SHOWCASE



### AUDITORIUM

#### TALK - ENGINEERING SYSTEMS AND DESIGN: A GATEWAY TO AN EXCITING CAREER 12.30PM - 1PM

ESD Head of Pillar Professor Rakesh Nagi speaks about the exciting prospective career pathways for ESD graduates in a broad range of industries. Find out how our students are trained to tackle open-ended challenges for organisations with a focus on design, analysis and optimisation.

### LIBRARY LVL 2



#### ESD DEGREE IN A DAY

Step through an ESD student's learning journey and "graduate" with an ESD degree in a day!

#### ASK-ME-ANYTHING

One-on-one chats with our faculty, students, alumni or staff to learn the uniqueness of the ESD programme.

#### ESD CAREER OPPORTUNITIES

Featuring our successful alumni and the career choices that they have made.

#### CHARTERED FINANCIAL ANALYSTS (CFA)-SUTD WINNING TEAM'S PRESENTATION 1.15PM - 1.45PM

Learn how to analyse a company's stock prices.


#### PLAY TO WIN - THE HOSPITAL PATIENT FLOW GAME 3PM - 4PM

Learn fundamental concepts of analysing flow in engineering systems - "Little's Law".

#### PLAY TO WIN - DESIGN AN AMUSEMENT PARK 4.30PM - 5.30PM

Learn consumer choice models, queueing network models, and feedback control.

# TALKS SCHEDULE

 24 & 25 FEB



## AUDITORIUM (CAMPUS CENTRE)

11AM - 12PM		SUTD 101 & Admissions (Applications, Scholarships & Financial Matters)
12PM - 12.30PM	CSD	Computing and Intelligence for a Better and Sustainable World
12.30PM - 1PM	ESD	Engineering Systems and Design: A Gateway to an Exciting Career
2PM - 3PM		President's Overview & Panel Discussion with Industry and Alumni
3PM - 3.30PM		Admissions (Applications, Scholarships & Financial Matters)
3.30PM - 4PM	STEP	Be Equipped with Knowledge in Technology with an Entrepreneurship Mindset
4PM - 4.30PM	SHARP	SHARPen the Researcher in You with SUTD's Premium Research Programme

## THINK TANK 16 (BLDG 2, LVL 2)

4.30PM - 5.30PM	SUTD DUHE NUS	Harnessing Technology and Design to Impact Healthcare as a Clinician-Innovator
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## DYSON-SUTD INNOVATION STUDIOS (BLDG 2, LVL 3)

1.15PM - 1.45PM	EPD	Talk
3.30PM - 3.45PM		
3.45PM - 4PM		
4PM - 4.15PM		15-min Micro-talks (by Faculty)
4.15PM - 4.30PM		
4.30PM - 5PM		Talk



AUDITORIUM



THIS WAY TO **FABLAB**  
@ BUILDING 5



LIFT TO DAI  
SHOWCASE  
@ LVL 3

LOBBY J

IGLOO

ASD

DAI

ESD

WELCOME  
BOOTH

REGISTER &  
REDEEM YOUR  
EXCLUSIVE  
TOTE BAG HERE



TOURS



FIFTH ROW  
SHOWCASE  
ON LVL 1 & 2



EPD

FRESHMORE

CSD

TIME  
CAPSULE

TO MORE FIFTH ROW  
SHOWCASE AT OPEN PLAZA

ASD SHOWCASE  
BUILDING 1, LVL 6  
(TAKE LIFT  
FROM LOBBY C)

ESD SHOWCASE  
@ LIBRARY LVL 2

**ZOOMING IN:  
CAMPUS CENTRE**

INFO BOOTHS, TOURS,  
TALKS & FIFTH ROW SHOWCASE



DROP-OFF



SEE MORE

Some furniture used to showcase  
our projects at Open House is a  
testament to our efforts to  
design for a circular economy.  
Check out how SUTD designs  
and creates these efficient,  
robust and recyclable projects  
that have been lasting since our  
Open House in 2020!



# 8 GREAT REASONS #WHYSUTD

## GLOBAL EXPOSURE AND IMMERSION OPPORTUNITIES FOR ALL STUDENTS\*



Travel the world through field trips, exchange programmes and internships.

\*Includes trips, internships and collaboration with international companies.

## THE WORLD'S TOP EMERGING ENGINEERING SCHOOL



Source: 'The global state of the art in engineering education', a study commissioned by the Massachusetts Institute of Technology (MIT).

## 11:1 STUDENT TO FACULTY RATIO



Enjoy small classroom sizes for more effective and collaborative learning.

## STRONG FEMALE REPRESENTATION OF AT LEAST 40% OF OUR ANNUAL COHORT



## DESIGN IDEAS COME THROUGH INTERACTIVE, HANDS-ON CLASSROOM EXPERIENCES

Learn through interactive, hands-on classroom experiences — simulations, live demos, designettes and more. You can also bring your design ideas to life at the SUTD Fabrication Lab.



## GAIN REAL-WORLD KNOWLEDGE TO TACKLE REAL-WORLD PROBLEMS



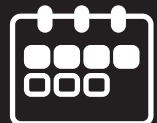
## ABOUT ONE-THIRD OF SUTD FACULTY IS LISTED AMONG THE WORLD'S TOP 2% OF SCIENTISTS

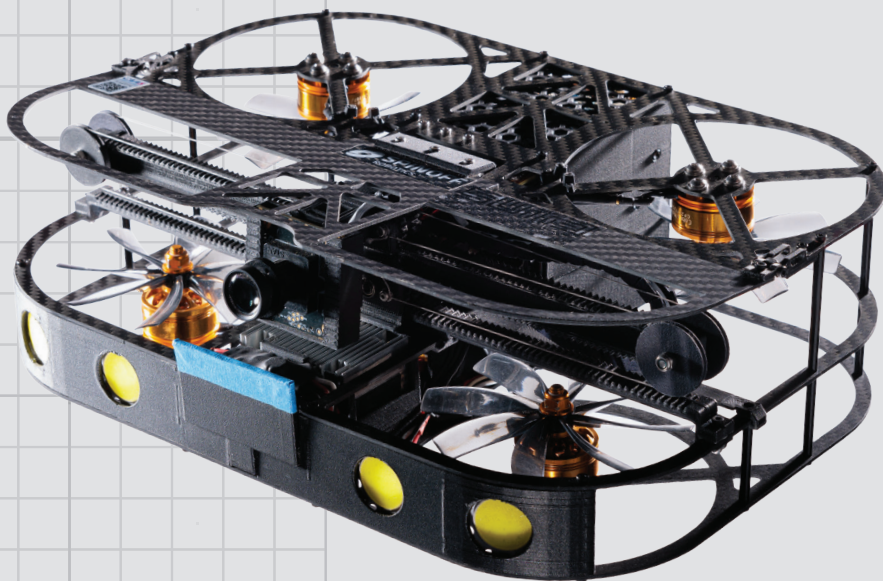


Source: Database released by Stanford University and Elsevier BV that identifies the world's top scientists across 22 scientific fields and 174 sub-fields.

## FOUR-DAY STUDY WEEK — DEDICATED TIME FOR YOUR INTERESTS

No classes on Wednesday and Friday afternoons for you to pursue your passions.





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# WELCOME TO THE SCHOOL FOR INNOVATORS



Find out more about  
student life at SUTD  
and apply now.

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