

### **Our Mission**

As a polytechnic for all ages we prepare our learners to be life ready, work ready, and world ready for the transformation of Singapore

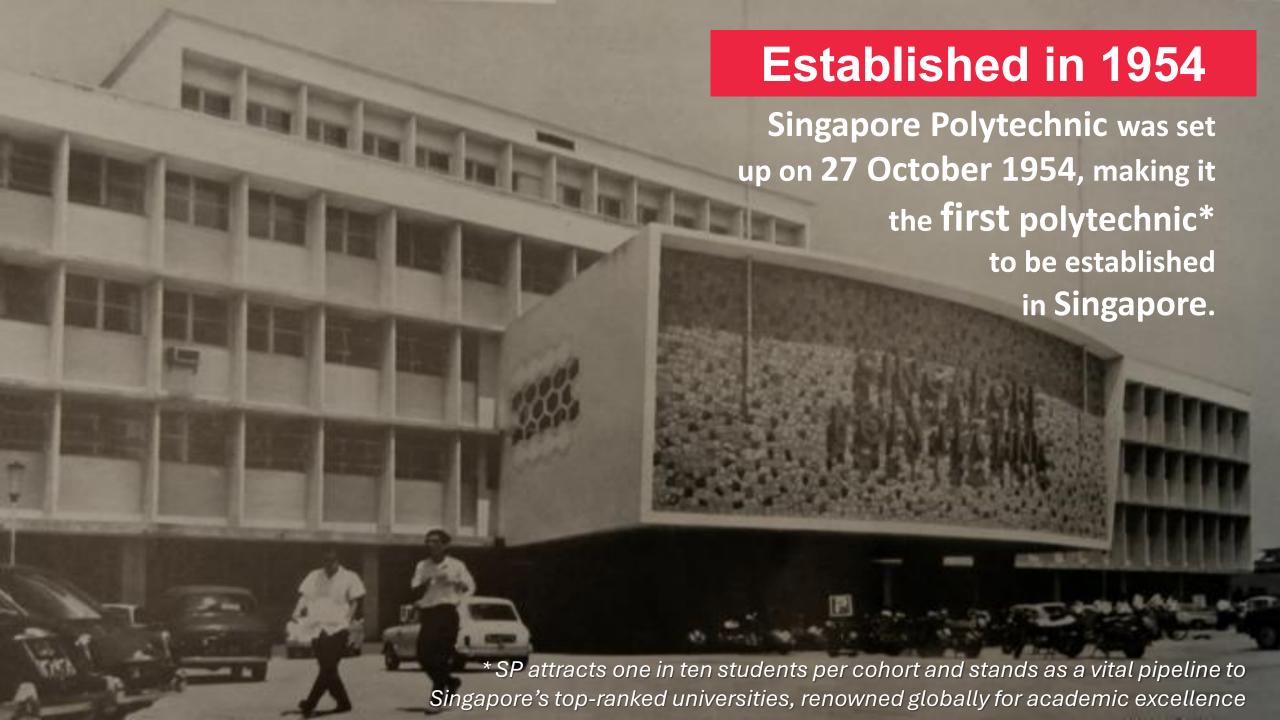
### **Our Vision**

Inspired Learner.
Serve with Mastery.
Caring Community.
A caring community of inspired learners committed to serve with mastery.









### **Education & Training Pathways** EMPLOYMENT **Short Courses** Note: WSQ: Workforce Skills **Post-Diploma Part-Time Degree** WSQ Part-Time Qualifications Degree / Masters PHDs NUS /NTU/SUSS **Advanced & Specialist Diploma Certificate & Diploma Short Courses:** (B Tech) **Diploma (Conversion) Diplomas** Offered by SP PACE Academy **Junior College Enrichment** Polytechnic (GCE 'A' Levels) (Full-Time Diploma) [3yrs] [2yrs] Certification **Polytechnic Foundation Secondary School** (GCE 'O' Levels) [4-5yrs] **Programme (1 Year) Institute of Technical Education Skills Based** (Higher Nitec) [3yrs] Modular **Primary School (PSLE) Secondary School** Course (GCE 'N' Levels) [4yrs] [6yrs]



# **About Singapore Polytechnic**



ESTABLISHED 1954

# FIRST Polytechnic



### STUDENT ENROLMENT



12,499 Full-time Diploma students

343 Polytechnic Foundation Programme

students

62,123 CET training places



**OUR CAMPUS** 

38-hectares of lush greenery



### 10 ACADEMIC SCHOOLS

Architecture and the Built Environment

Business

Computing

Chemical & Life Sciences

Electrical and Electronic Engineering

Life Skills & Communication

Mathematics and Science

Media, Arts & Design

Mechanical and Aeronautical Engineering

Singapore Maritime Academy

#### COURSES



30 Full-Time Diplomas 4 Common Entry Programmes Polytechnic Foundation Programme 492 CET Programmes



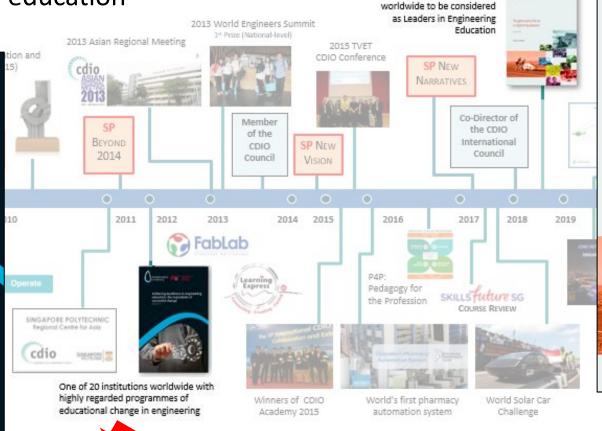
**GRADUATE OUTPUT** 

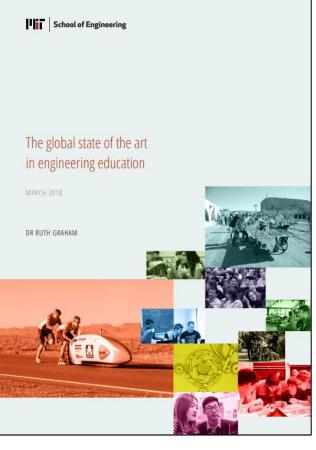
240,000 Graduates

**2018: SP** is one of 15 institutions worldwide to be considered as leaders in engineering education



Published by the Royal Academy of Engineering in collaboration with MIT in March 2012





**2012: SP** is one of 20 institutions worldwide with highly-regarded programme of educational change in engineering





## **Mission of Polytechnics** (Ministry of Education)

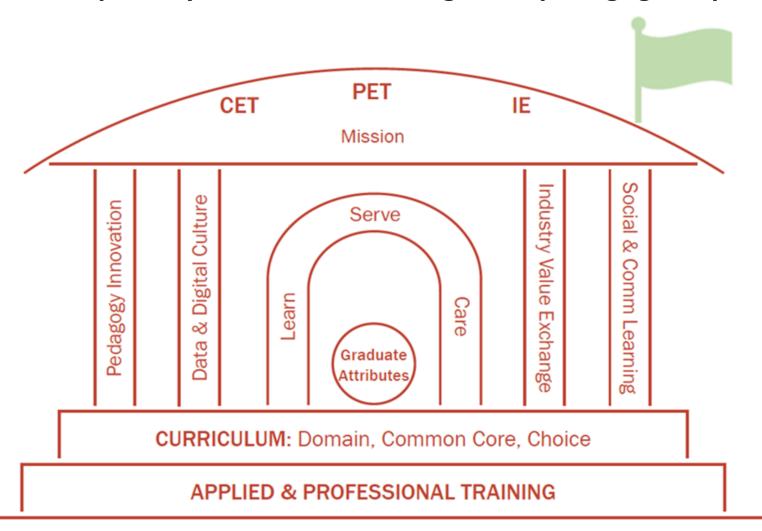
Continued focus on industry-relevant training, emphasising both **Pre-Employment** immediate employment **Training** outcomes & longer term Uplift & support the (PET) career resilience transformation of industry, especially SME sector, through tech diffusion & consultancy services to meet new & significant challenges Continuing Industry **Education & Engagement (IE)** 

A key player in the lifelong learning landscape, with a diversity of offerings to meet different segments of industry demand

**Training** (CET)



# SP's Education Model guided the transformation of students' learning, especially in curriculum design and pedagogic experimentation



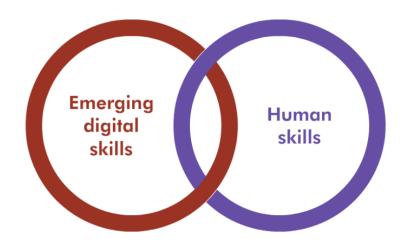
### **SP Graduate Attributes**

- 1. Competency & Versatility
- 2. Communication & Collaboration
- 3. Creativity, Innovation & Enterprise
- 4. Ethics & Responsible Citizenry
- 5. Self-Directedness & Personal Effectiveness
- 6. Global Mind-set

SP EDUCATION MODEL



## **Common Core Curriculum (CCC)**



# COMMON CORE

Connect Skills . Create Solutions . Champion Sustainability



The Common Core Curriculum (CCC) is designed to prepare students for a VUCA world and disruptive future. There are 10 common core modules, comprising critical human and emerging digital skills that equip students with the versatility and mindset to be work ready, life ready and world ready.

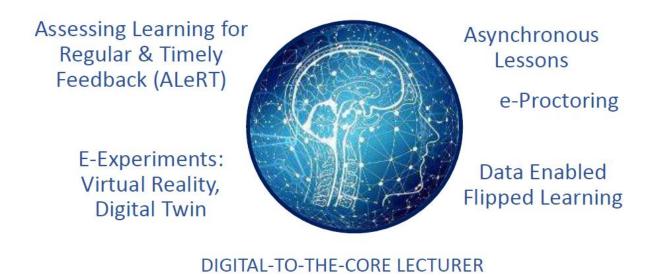
- 1. Thinking Critically about the UNSDGs
- 2. Data Fluency
- 3. Artificial Intelligence & its Impact
- 4. Persuasive Communication with Data Storytelling
- 5. Problem Solving with Creative & Computational Thinking
- 6. Digital Communication for Impact
- 7. Collaboration in the Digital Age
- 8. Effective Writing for the Workplace
- 9. Personal Branding & Career Agility
- 10. Sustainable Innovation Project



## **Pedagogy for the Professions**

## **Use of Digital Technologies**

### Learning Analytics & Artificial Intelligence



Using Digital Technologies in Enhancing Teaching & Learning for our Common Core Curriculum

# **IMPACT Since 2013**

**12** Years

> 40 Countries

> 12,000 Partner Participants



Singapore Polytechnic International



