

ENGINEERING AND TECH PROGRAMME SCHOLARSHIP

**Engineering & Tech;
Our Future**

Are you the **ONE**?



Are you interested in Science, Technology, Engineering and Mathematics (STEM)?



Do you enjoy hands-on, making or tinkering activities?



Are you exploring a STEM-related (e.g. engineering, robotics, tech etc.,) course of study or career?

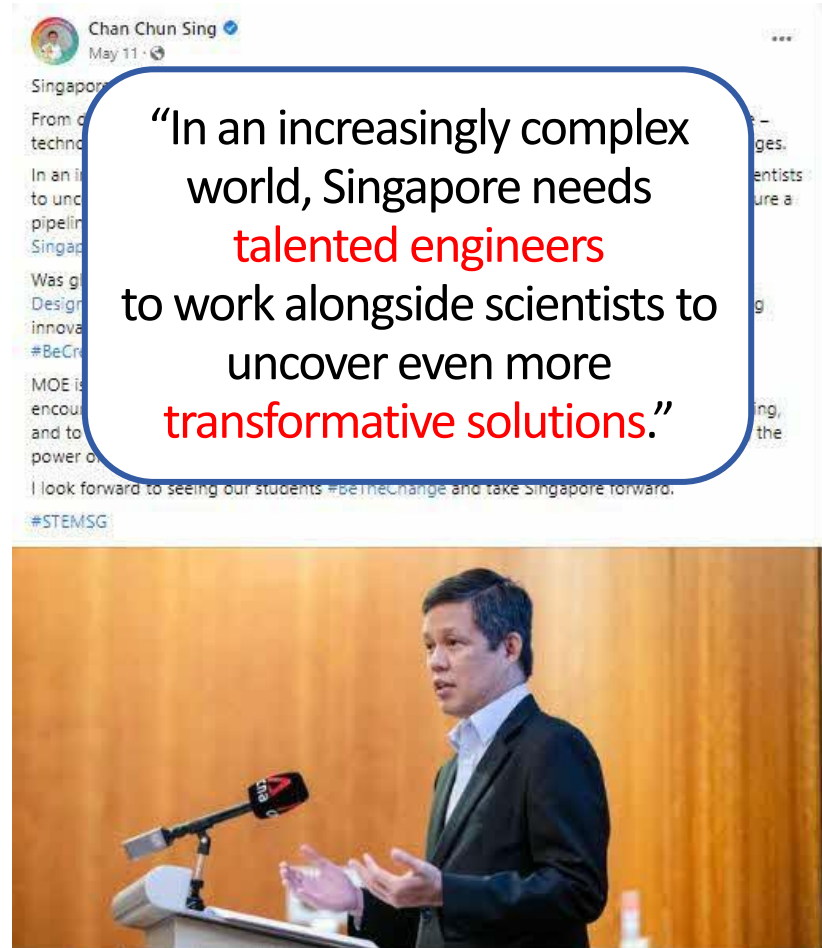
If your answers are “Yes”, consider applying for the
Engineering & Tech Programme Scholarship (ETPS)!

What is **ETPS**?

The Engineering & Tech Programme Scholarship (ETPS) is an MOE scholarship for Pre-U students.

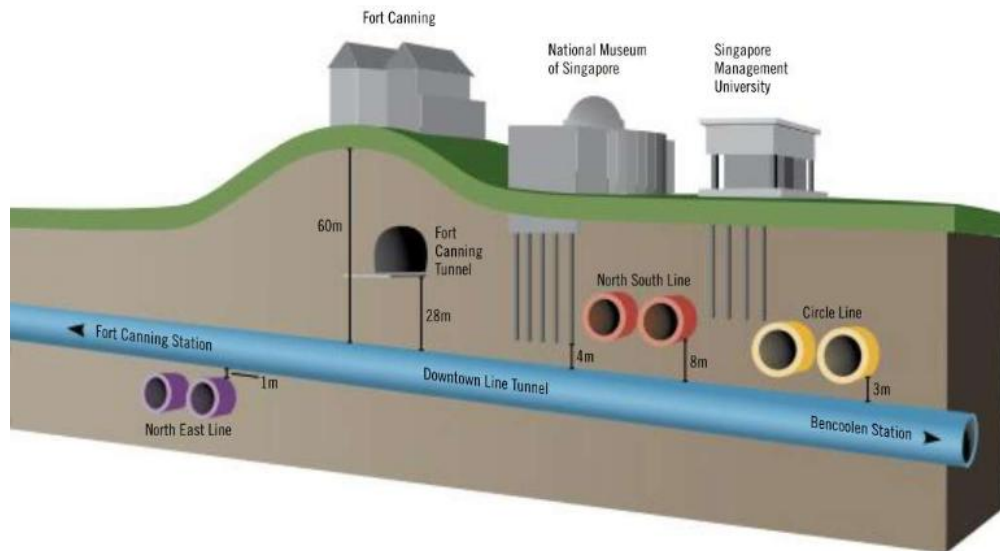
It is for students (Singapore citizens only) with interest in engineering and tech related study and career.

About 200 scholarships are given each year.



Engineering Wonders in Singapore

Downtown Line ~ A Test of Precision



Downtown Line, which was built in close proximity to existing MRT lines, raised the bar for engineering excellence

“I feel my **biggest accomplishments as an engineer are the changes I’ve made** and my contribution towards creating a safe working environment on high-risk projects like the DTL Stage 3 with live lines crossing. We are hardwired to think logically, follow steps diligently, and **think of improvements and solutions to problems**”

~ Chang Kin Boon
Director of DTL stage 3 of Rail, LTA

Source: “Engineering A First World, 50 Feats That Transformed Singapore,
The Institution of Engineers, Singapore”

Engineering Wonders in Singapore

NEWater ~ The Search for Water



Reverse osmosis membranes used in the production of NEWater.



NEWater pipes are built to meet the demand for NEWater.

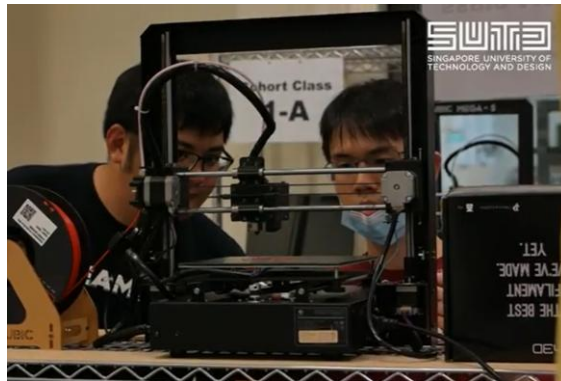
“When we started, **we were hoping to learn from experts** on how to go about treating and purifying used water. But after the first few months, **we realized we were actually on our own**. Membrane technology was new and everyone was still learning. So, in a way, **we got to write our own story.**”

~ Harry Seah
Project Manager then, now Senior
Consultant to Chief Executive, PUB

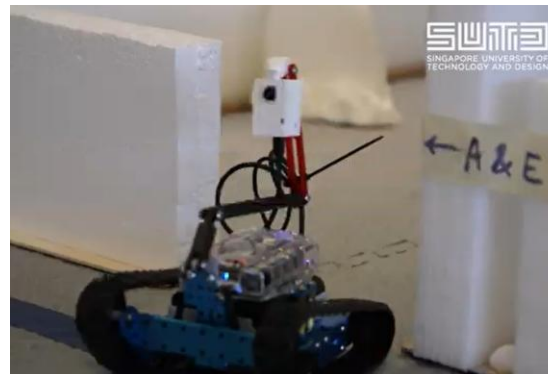
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What do we **do** in ETPS?

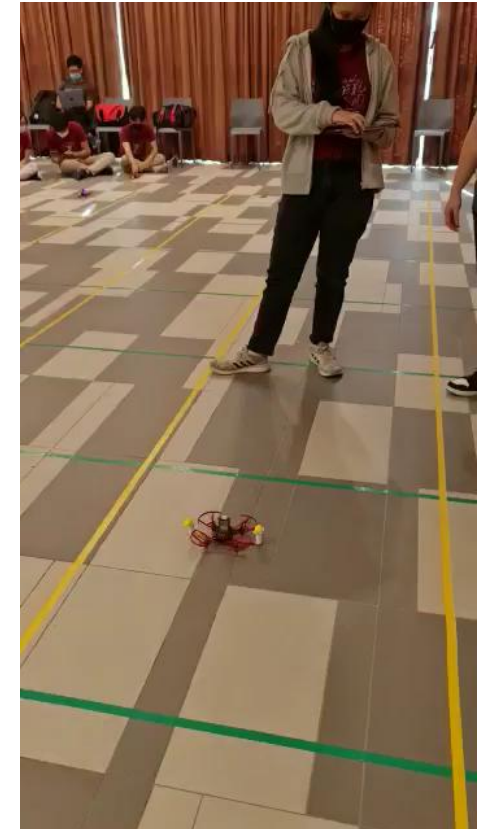
Flagship STEM Workshop conducted by autonomous universities (NUS, NTU, SUTD or SIT) to experience, learn and apply human-centred design, technology and engineering to solve real-world challenges.



Working with CAD software to create 3D printed design



AI Robotics Rescue Challenge



Programming workshop to write a code for flying drone in given challenge

What do we **do** in ETPS?

Work Attachments / Internships at private companies and public agencies to understand more about careers in the engineering & tech industries.

Opportunity to know more about companies or public agencies that offer scholarship post A-Levels. For example, the Singapore Industry Scholarship (SgIS) or the agencies' scholarship.



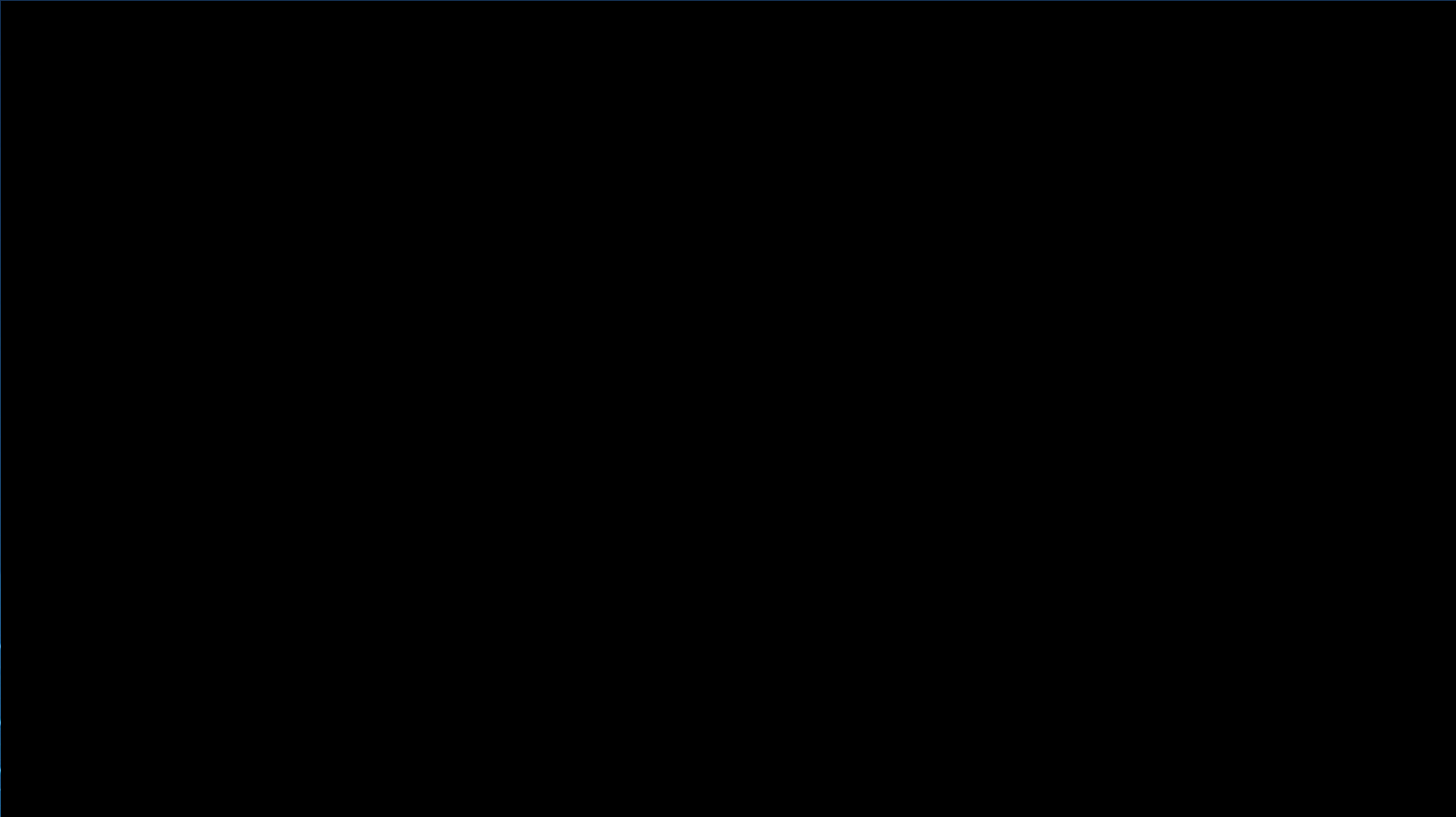
Interns at HTX HQ where they are introduced to science and tech solutions engineered for the Home Team.

Work **attachments** / **internships** opportunities



and more...!

ETPS, a prestigious MOE scholarship that recognises talent in STEM and groom future changemakers in Engineering and Tech.



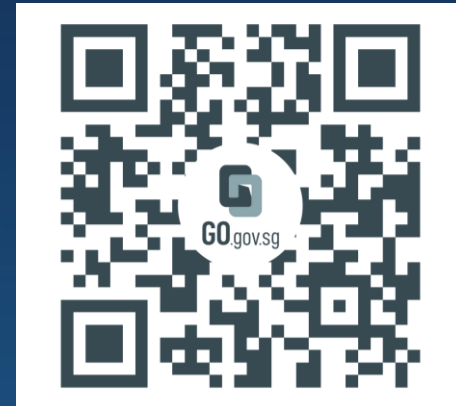
“**Science and Engineering** will be **fundamental** to our quality of life and our livelihood now, and forever.”

“We want to inspire yet another generation of scientists, technologists, and engineers to help build **our future** together.”

ENGINEERING AND TECH PROGRAMME SCHOLARSHIP

Scan the QR code to find out
more.

Application opens now and
closes on 24 Feb.



<https://go.gov.sg/etps>

THANK YOU