



PSC SCHOLARSHIP (ENGINEERING)

Aims to recruit outstanding individuals for leadership positions in the engineering and technology sectors of the Public Service

ABOUT PSC SCHOLARSHIP (ENGINEERING)

overview

The PSC Scholarship (Engineering) is offered to pre-tertiary students* and undergraduates (as a mid-term scholarship) who are keen to pursue an engineering career in the Public Service.

**Have a GCE A Levels, IB, Poly or NUSHS diploma, or other high school diploma/certificate.
You may apply prior to receiving your final examination results.*

scholarship details

Scholarship holders will be 'tied' to an engineering parent agency and cluster to allow them to deepen their engineering skills early in their career.

Scholarship holders will enjoy comprehensive developmental programmes, opportunities to work with experts in the field, and dedicated mentorship within the context of an exciting engineering career.

how to apply

Under the "Career and Course Preferences" section in your PSC Gateway application form, choose one or more of the following as your career choices:

- (I) Engineering (D&S),
- (II) Engineering (ICT&SS),
- (III) Engineering (I&E).



ENGINEERING CLUSTERS IN THE PUBLIC SERVICE

defence and security

Design, operate and maintain national security infrastructure.

(e.g. DSTA, HTX)

information & communications technology and smart systems

Design, build and operate whole-of-government IT platforms / applications.

(e.g. CSA, GovTech, IMDA)

infrastructure and environment

Design, build, maintain and regulate national infrastructure in areas such as housing, transport, and utilities.

(e.g. EMA, HDB, JTC, LTA, NEA, PUB)



Defence and Security Cluster



Advancing Singapore's Digital and Engineering Defence

DSTA is a top-notch technology organisation that drives innovation and delivers state-of-the-art capabilities to make the SAF a formidable fighting force. DSTA is committed to provide you with a multitude of opportunities by building your technical expertise and honing your competencies in multidisciplinary domains.

See possibilities through a career with DSTA in these technological areas and more!

- Artificial Intelligence
- Augmented / Virtual reality
- Cybersecurity
- Data analytics
- Internet of Things
- Machine learning
- Military platforms
- Robotics
- Sensors
- Unmanned technologies

Engineer the possibilities of tomorrow and lead the technological innovation to boost Singapore's digital and engineering defence!



HTX (Home Team Science & Technology Agency) works at the forefront of science and technology to empower Singapore's frontline of security to operate effectively and impact exponentially.

Develop your capabilities, nurture your strengths and grow with us. We have opportunities for you to be rotated through the entire technology life cycle. They include areas in masterplanning, research and development of innovative solutions, right through to the delivery and sustainment of systems implemented by the Home Team!

Be part of the **Home Team's Force Multiplier** in the joint mission to secure Singapore's future as the safest place on planet earth.



exponentially
impacting
Singapore's
safety and security_

FIND OUT MORE



Visit htx.gov.sg
or email us at
HTX_Contact@htx.gov.sg



LEADING INNOVATIONS FOR DEFENCE AND BEYOND

DEEPEN YOUR EXPERTISE

Joining the PSC Scholarship (Engineering) – Defence and Security Cluster offers you a specialised engineering career proposition with opportunities for deployment in the Ministry of Defence and Defence Technology Community agencies such as Defence Science and Technology Agency (DSTA), DSO National Laboratories, and Centre for Strategic Infocomm Technologies (CSIT). As defence engineers to be groomed as future leaders, you will be at the forefront of cutting-edge technology and research, and lead teams to develop the deep technical capabilities vital to meet future defence and security challenges. You will use your skills to ensure that Singapore continues to be technologically innovative to defend our sovereignty and way of life.

For more information, please contact MINDEF Scholarship Centre.

☎ 1800-Scholar (724 6527)

✉ scholarship@defence.gov.sg

🌐 www.mindef.gov.sg/scholarship



Information & Communications Technology and Smart Systems Cluster



Formed in 2015, the Cyber Security Agency of Singapore's core mission is to keep Singapore's cyberspace safe and secure to underpin our National Security, power a Digital Economy, and protect our Digital Way of Life.

What's in it for you?

- Mentorship by experienced cybersecurity professional
- Development through industry certifications & training courses
- Job Rotations every 2 years
- Participation in national-level projects
- Networking with Senior Management

Find out more about us!

Visit www.csa.gov.sg

Or contact us at contact@csa.gov.sg

Latest updates on cybersecurity, follow us on



Digital transformation within the public sector is at the heart of what GovTech, or Government Technology Agency of Singapore, does. We use technology to make a difference to the everyday lives of people in Singapore – tackling real-world problems of transport, housing, security, healthcare, the environment and more.

Agile. Bold. Collaborative. We have an innovative culture and value diversity in our teams. Take on technical roles across various tech domains and accelerate your career development with us:



Join us, and help build the next impactful solution for our citizens and businesses. Your purposeful tech career awaits!



Scan the QR code or visit tech.gov.sg to learn more about our work.

Have questions? Drop us a line at AreYouIt@tech.gov.sg.



The Infocomm Media Development Authority (IMDA) develops and regulates the infocomm media (ICM) sectors, creating opportunities for growth in the digital economy and society.

Build your career with IMDA to drive Singapore's digital transformation with infocomm media in one of these roles!



DIGITAL CHAMPION

Competitive and sustainable ICM industry



INDUSTRY DEVELOPER

Digitally empowered businesses



ENABLER

Digitally skilled workers & digitally connected citizens



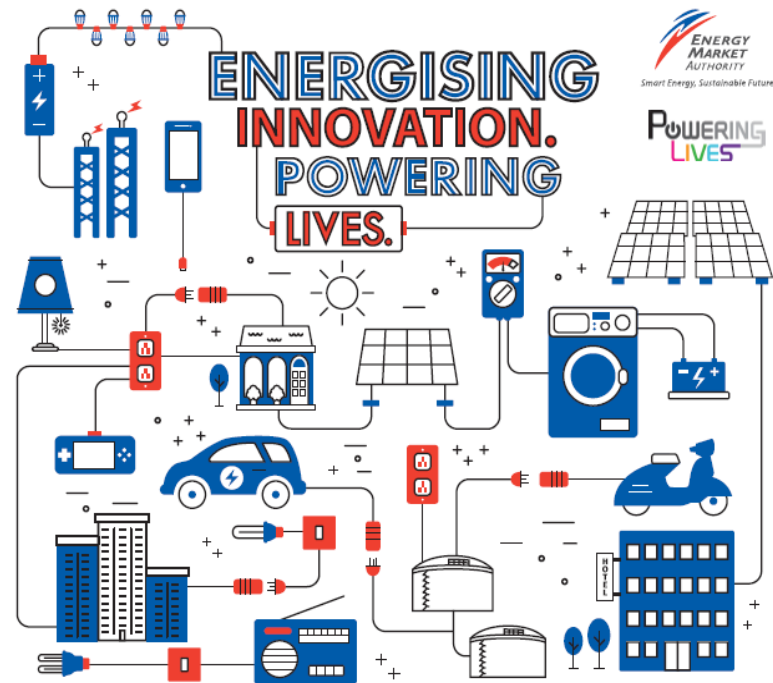
REGULATOR & PROTECTOR

Trusted, secured & innovative environment



For more information, please contact Human_Resource@imda.gov.sg or visit www.imda.gov.sg





HELP SHAPE SINGAPORE'S ENERGY FUTURE

At the Energy Market Authority, we are all about powering Singaporeans' daily lives, 24/7. From charging your phones to lighting your nights, it's our mission to work towards a future where our energy is cleaner, reliable and affordable.

Join our family and help create a more sustainable and reliable energy future for generations to come.

Website: www.ema.gov.sg | Instagram: @EMA_Singapore
YouTube: @EnergyMarketAuthority
Facebook: @EnergyMarketAuthority | Twitter: @EMA_Sg



RE-IMAGINE TOMORROW

Have a hand in transforming blueprints into reality. Take on the intellectual challenge of formulating policies to better the lives of Singaporeans. Join us in redefining the future of public housing!

For more information, visit
www.hdb.gov.sg/cs/infoweb/about-us/our-role
or scan the QR code to find out what we do in HDB:



We solve challenges
to prepare businesses
for a new era.

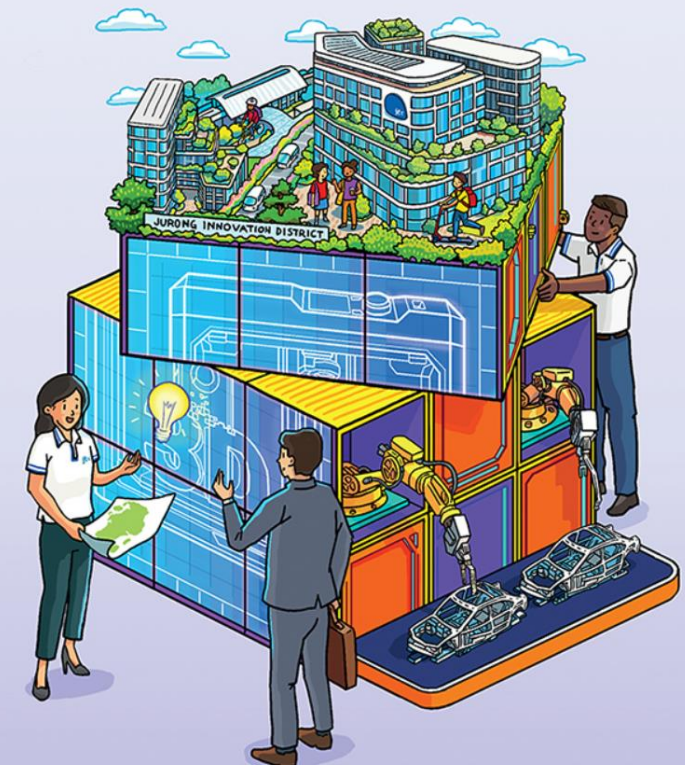
You can play a big part.

Manufacturing has entered the age of Industry 4.0, and JTC is paving the way for Singapore's growth.

As our nation's industrial master planner and developer, we are building advanced manufacturing estates that come complete with ecosystems. So local businesses have all the support to excel in digitalisation and automation.

Join us as a scholar and make a big impact. At JTC, we all can.

Apply at
jtc.gov.sg/careers/scholarships



THE FUTURE OF MOBILITY IN YOUR HANDS

Get a head start in a career with
diverse opportunities.

If you are excited about shaping the future
of land transport, the LTA Scholarship gives
you the opportunity to do just that.

You will play a part in developing strategies,
policies and smart land transport
engineering solutions to deliver faster,
safer and more inclusive journeys for all.

Apply now at <https://lta.gov.sg/careers>



An innovative organisation, NEA is constantly pursuing
new ideas and creative solutions, striving for excellence
– you too, can be one of us!

Embark on an exciting engineering career with
us and make meaningful contributions through a
diverse range of roles in the following areas:

- Environmental Protection
- Climate Change
- Renewable Energy
- Hawker Centre Development



Visit us at <https://www.nea.gov.sg> or
scan the QR code for our corporate
video



ABOUT PUB

PUB, Singapore's National Water Agency is a statutory board under the Ministry
of the Environment and Water resources. It is the national water agency that
manages Singapore's water supply, water catchment and used water in an
integrated way.

PUB has ensured a diversified and sustainable supply of water for Singapore with
the Four National Taps (local catchment water, imported water, NEWater,
desalinated water).

Water is the lifeblood of modern civilisation. The global water industry provides
a service that is vital to the world that we live in. This growing industry offers
both challenges and meaningful rewards in the quest to make the world a
healthier place.

Join **PUB, Singapore's National Water Agency** and be part of a unique career
path that works towards the betterment of the environment and
community.

Find out more at <http://www.pub.gov.sg>

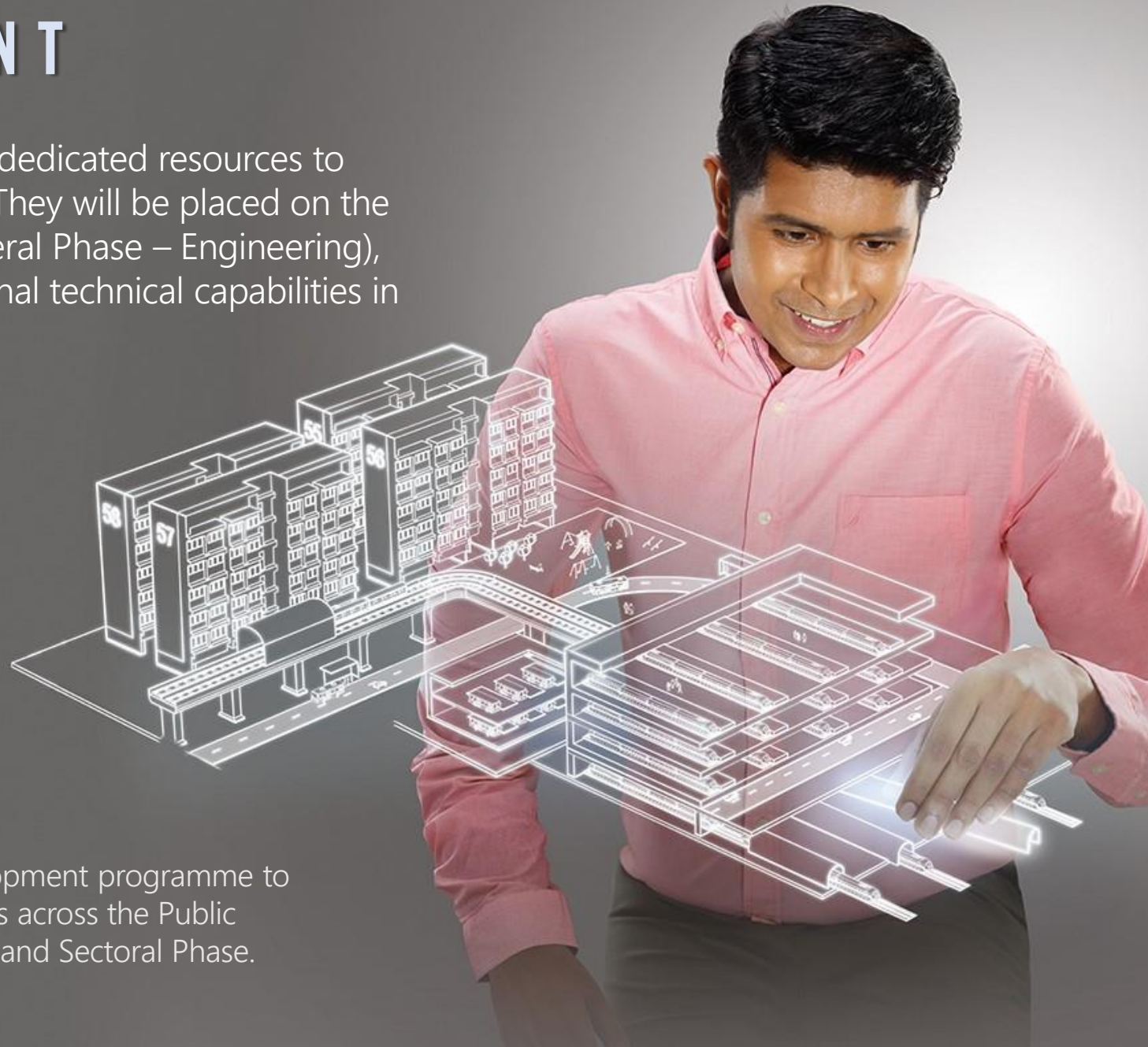
CAREER DEVELOPMENT

PSC Scholarship (Engineering) holders will be given dedicated resources to pursue an engineering career in the Public Service. They will be placed on the Public Service Leadership Programme (PSLP)* (General Phase – Engineering), where they will spend 4 years developing foundational technical capabilities in their engineering cluster.

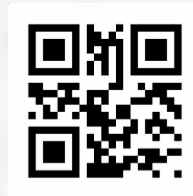
Scholarship holders will also have the opportunity to be posted to other engineering agencies to gain exposure and deepen their engineering expertise.

Scholarship holders will be given training opportunities to develop their leadership skills. This includes various milestone programmes, coaching/mentoring, and opportunities to participate in cross-agency project teams.

*The Public Service Leadership Programme is a talent development programme to groom capable and talent individuals for leadership positions across the Public Service. The programme has two phases, the General Phase and Sectoral Phase.



For information on:
PSC and Public Sector Scholarships



<https://www.psc.gov.sg>

Engineering Career in the Public Service
<https://www.ctrlshift.gov.sg/>

For queries, email us at:
psc@psd.gov.sg



PSC Scholarship (Engineering) *Frequently Asked Questions*

SCHOLARSHIP AND CAREER PATH

I. What are the differences between a PSC Scholarship and a PSC Scholarship (Engineering)?

Both scholarships allow you to pursue engineering or related courses. The main differences between a PSC Scholarship and a PSC Scholarship (Engineering) are in the **career pathway**.

The **PSC Scholarship (Engineering)** caters for students with a **clear interest in a specialised engineering career in the Public Service**. The PSC Scholarship (Engineering) develops individuals for leadership positions in the engineering and technology sectors in the Public Service. During your studies, you will participate in **developmental programmes (including internships) organised by your engineering parent agency as well as PSC**. Your parent agency will closely mentor and guide you in your field of study, and after you return from your studies, you will **join your parent agency to build foundational expertise in your technical field**.

If you are keen to specialise in the various engineering fields, this scholarship offers you **opportunities to work in public agencies whose core business lies in engineering**, such as the Defence Science Technology Agency (DSTA), GovTech, and other agencies where Singapore needs leaders with deep domain expertise. You will be given technical challenges that sharpen your skills and hone your technical expertise.

In comparison, the PSC Scholarship provides the opportunity to **build broad-based skills in policy formulation in the early part of your career**. Under the PSC Scholarship, the initial years of your civil service career would be geared towards growing you as a **generalist policy leader**, though there would be opportunities to develop as a specialist leader down the line.

PSC Scholarship (Engineering) *Frequently Asked Questions*

CAREER AND DEPLOYMENT

2. What sort of engineering work would scholarship holders be expected to do?

PSC Scholarship (Engineering) holders will be assigned a parent agency in one of the three engineering clusters:

- (i) Defence and Security,
- (ii) Information and Communications Technology & Smart Systems, or
- (iii) Infrastructure & Environment.

Upon graduation, scholarship holders will be posted to their parent agency and they will deepen their technical expertise in their engineering cluster for 4 years. The specific type of work will depend on the agency in the engineering clusters. Applicants are strongly encouraged to read the agencies' open resources (e.g. their corporate website) to understand the nature of work in the different agencies.

PSC Scholarship (Engineering)

Frequently Asked Questions

CAREER AND DEPLOYMENT

3. Will scholarship holders under the PSC Scholarship (Engineering) be emplaced onto the Public Service Leadership Programme (PSLP)?

Yes. Similar to other PSC Scholarship holders, it is subject to the scholarship holders meeting the emplacement criteria (including academic requirements) for the PSLP. As the PSC Scholarship (Engineering) offers a specialised engineering career proposition, PSC Scholarship (Engineering) holders will be placed on the PSLP (General Phase – Engineering) upon graduation. This is a specialised track within PSLP (General Phase)*.

*The PSLP is talent development programme to groom capable and talented individuals for leadership positions across the public service. The programme has two phases – General Phase and Sectoral Phase.

PSC Scholarship (Engineering) *Frequently Asked Questions*

CAREER AND DEPLOYMENT

4. How will the career pathways for PSLP (General Phase – Engineering) differ from PSLP (General Phase) officers?

Unlike other officers on the PSLP (General Phase)[#], officers on the PSLP (General Phase – Engineering) will be given dedicated resources to pursue an engineering career in the Public Service. Upon graduation, they will spend **4 years developing deep technical capabilities in their engineering cluster**. Officers will also **have opportunities to be posted to other engineering agencies** to gain exposure and deepen their engineering expertise.

PSLP (General Phase – Engineering) officers will also be given similar training and development opportunities as other PSLP (General Phase) officers to develop their leadership skills. This includes the Foundation Course, coaching/mentoring, and opportunities to participate in cross-agency project teams.

[#]Officers on the PSLP (General Phase) will be posted across two public agencies in different sectors in the first 4 to 6 years of their careers.

5. Will my specific job preferences be considered when I start work at my engineering cluster?

Yes, job preferences will be considered. However, posting and deployment options will be subjected to the availability of suitable vacancies. We encourage candidates to have regular career conversations with their parent agency.

PSC Scholarship (Engineering) *Frequently Asked Questions*

CAREER AND DEPLOYMENT

6. Can PSC Scholarship (Engineering) holders switch from the original parent agency to another engineering cluster/agency during studies or after embarking on the career track?

What happens if I change my mind about a specialised engineering career after a few years in service?

We encourage candidates to thoroughly consider their career interest and aspirations before accepting the PSC Scholarship (Engineering).

Scholarship holders will be expected to commit to the career choices made. Requests to pursue a different career pathway or to switch to another engineering cluster or parent agency will be evaluated on a case-by-case basis, subject to the assessment of the releasing and receiving agency/cluster.

Scholarship holders are encouraged to have regular career conversations with their parent agency (during studies and after they have started work) to ensure that they understand their career options and the implications of their choices.