

## **MEDIA RELEASE**

### **MORE WORK-LEARN OPPORTUNITIES FOR SINGAPOREANS**

**Singapore, 28 July 2018** – Since its inception, about 2,400 fresh graduates from the polytechnics and Institute of Technical Education (ITE) have benefited from the SkillsFuture Earn and Learn Programme (ELP). SkillsFuture Singapore (SSG) will continue to expand the work-learn pathways available and is launching a new SkillsFuture Work-Learn Bootcamp and six new ELPs.

2 These developments were announced by Senior Parliamentary Secretary, Ministry of Education & Ministry of Manpower, Ms Low Yen Ling at the second edition of the SkillsFuture Earn and Learn Carnival today, in support of the month-long SkillsFuture Festival.

#### ***Progress of Work-Learn Programmes***

3 As of June 2018, the total number of polytechnic and ITE ELP participants has grown from about 150 in 2015 to about 2,400, of which about 110 participants were placed in the ITE Work-Learn Technical Diploma. The number of ELPs offered has also increased from 15 across 12 sectors in 2015 to 97 across 33 sectors.

4 More variations of work-learn pathways have been rolled out to meet the needs of industry and individuals. One example is the ELP in Entrepreneurship - Start-up Talent Factory, which was implemented by Ngee Ann Polytechnic in May this year and has placed 24 participants across 20 startups. This ELP supports the local entrepreneurship ecosystem in talent recruitment, and offers enterprising polytechnic graduates the opportunity to pick up relevant entrepreneurial skills by working in a start-up environment.

5 Launched last year, the SkillsFuture Work-Study Degree Programmes have to-date enrolled 116 university students who are keen to pursue careers in selected growth sectors.

### ***New SkillsFuture Work-Learn Bootcamp***

6 SSG will be piloting a new variation of work-learn programme known as the SkillsFuture Work-Learn Bootcamp. This programme will equip fresh graduates and mid-career individuals with the relevant job-role specific behavioural, mind-set and technical skills in sectors with acute demand.

7 The SkillsFuture Work-Learn Bootcamp is a three-year collaboration between SSG, the five polytechnics, ITE and Generation. Generation is a US-based global non-profit organisation founded by McKinsey & Company. It develops and implements short, focused bootcamps to train and place young people in jobs.

8 Participants in the SkillsFuture Work-Learn Bootcamp will undergo 8 to 12 weeks of intensive training bootcamp delivered by the polytechnics and ITE before seeking employment. The SkillsFuture Work-Learn Bootcamp involves employers extensively throughout the process, from developing industry-relevant curriculum to identifying suitable participants for the programme and recruitment. As an illustration, the polytechnics and ITE will, together with Generation, work with employers to identify skills found in peak performers in the specific job role, and design a bootcamp-style programme to train participants in those skills.

9 Republic Polytechnic and the Singapore Institute of Retail Studies under Nanyang Polytechnic have commenced the first run of the programme for the Digital Marketing job role in July 2018. This will be followed by Ngee Ann Polytechnic later this year. Singapore Polytechnic and Temasek Polytechnic will also be rolling out another programme for a job role related to engineering

and big-data in Q4 2018. Please refer to [Annex A](#) for more information on the SkillsFuture Work-Learn Bootcamp.

### ***New SkillsFuture Earn and Learn programmes***

10 SSG has also been working with the IHLs and employers to launch new ELPs. Six new ELPs in the areas of Applied Artificial Intelligence, Healthy Ageing and Community Care for Seniors, Biomedical Engineering & Services, Building Information Modelling, Business Development in Technology, and Lighting Design were launched by Republic Polytechnic and Temasek Polytechnic at the ELP Carnival. Please refer to [Annex B](#) for more information on the new programmes.

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**For more information on the SkillsFuture Earn and Learn Programme, please visit:**  
[www.skillsfuture.sg/earnandlearn](http://www.skillsfuture.sg/earnandlearn)

**For more information on the various polytechnics, please visit:**

**Nanyang Polytechnic**  
[www.nyp.edu.sg](http://www.nyp.edu.sg)

**Ngee Ann Polytechnic**  
[www.np.edu.sg](http://www.np.edu.sg)

**Republic Polytechnic**



[www.rp.edu.sg](http://www.rp.edu.sg)

**Singapore Polytechnic**

[www.sp.edu.sg](http://www.sp.edu.sg)

**Temasek Polytechnic**

[www.tp.edu.sg](http://www.tp.edu.sg)

**For more information on the Institute of Technical Education, please visit:**

<https://www.ite.edu.sg/>

### **About SkillsFuture Singapore**

SkillsFuture Singapore (SSG) drives and coordinates the implementation of the national SkillsFuture movement, promotes a culture of lifelong learning and strengthens the ecosystem of quality education and training in Singapore. Through a holistic system of national SkillsFuture initiatives, SSG enables Singaporeans to take charge of their learning journey in their pursuit of skills mastery. SSG also works with key stakeholders to ensure that students and adults have access to high quality and industry-relevant training that meet the demands of different sectors of the economy for an innovative and productive workforce. For more information, visit [www.ssg.gov.sg](http://www.ssg.gov.sg)

## ANNEX A

### FACTSHEET ON SKILLSFUTURE WORK-LEARN BOOTCAMP

The SkillsFuture Work-Learn Bootcamp is a new work-learn programme for fresh graduates and mid-career individuals that will equip them with the relevant job-role behavioural, mind-set and technical skills in sectors with acute demand. It is a three-year pilot programme, developed in partnership between SSG, the five polytechnics, ITE and Generation<sup>1</sup>. Generation is a US-based non-profit social organisation founded by McKinsey & Company. It develops and implements short, focused bootcamps to train and place young people in jobs, resulting in 17,000 job placements across 23 professions in 9 countries to date.

2 Participants will undergo an 8 to 12 weeks of intensive institutional training before seeking employment. Employers are involved in the development of the SkillsFuture Work-Learn Bootcamp so as to ensure that participants are equipped with skills that meet the needs of the industries. For example, the polytechnics and ITE, together with Generation, will work with employers to identify skills found in peak performers in the specific job role, and design a bootcamp-style programme to train participants in those skills.

3 Republic Polytechnic and the Singapore Institute of Retail Studies under Nanyang Polytechnic have commenced the first run of the programme for the Digital Marketing job role in July 2018. This will be followed by Ngee Ann Polytechnic later this year. Singapore Polytechnic and Temasek Polytechnic will also be rolling out another programme for a job role related to engineering

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<sup>1</sup> *Generation is a spin-off entity from McKinsey Social Initiative. It is highly established and has track records in other countries. 17,000 job placements across 23 job professions in 9 countries have been supported through Generation. Generation's placement methodology has proven to be effective, short and scalable in these countries, yielding 83% job placement within three months and 80% retention at three months. Nearly 88% of participating employers say that Generation graduates outperform their peers along business metrics and 98% of participating employers would hire Generation graduates again. There has also been positive feedback from other key stakeholders such as training providers and alumni. [Source of info from Generation as at 23 July 2018.]*

and big-data in Q4 2018. More details on subsequent runs of the SkillsFuture Work-Learn Bootcamp and job roles will be released when available. Interested participants can find out more at [skillsfuture.sg/worklearnbootcamp](https://skillsfuture.sg/worklearnbootcamp).

### Who is it for?

- Singapore Citizens and Singapore Permanent Residents who are fresh graduates or mid-career individuals, and are keen to undergo an 8 to 12 week intensive training programme before seeking employment in sectors with jobs in acute demand.
- Companies that are registered or incorporated in Singapore, and are seeking to attract and hire fresh graduates or mid-career individuals for jobs in acute demand.

### How does it work?

4 Suitable candidates will undergo a recruitment screening process to assess suitability for the SkillsFuture Work-Learn Bootcamp, before embarking on an 8 to 12 week intensive training bootcamp delivered by the polytechnics and ITE. Participants will acquire behavioural, mind-set and technical skills related to a specific job role so that they are well-equipped and ready to seek employment with a participating company upon completion of training. At the company, assigned mentors will guide participants and provide support in their continual skills development.

5 Participating employers are involved in curriculum development from the on-set through activity mapping, to focus on skills identified in peak performers of specific jobs identified. Employers can subsequently recruit these job-ready individuals for the specific job role which they are trained in.

### Benefits

- For individuals

- Acquire relevant behavioural, mind-set and technical skills related to a specific job role through a short training programme before seeking employment with a company in sectors with jobs in acute demand
  - Guidance from mentors within the company
  - Receive a competitive starting salary and full-time employment with participating companies
  - Eligible individuals will receive a training allowance<sup>2</sup> upon completion of training
- For employers
- Companies will be able to work more closely with the polytechnics and ITE in designing a training programme catering to the specific job role in the company
  - Recruit more effectively job-ready individuals equipped with the relevant skills and aptitude for the job
  - Receive a mentorship grant<sup>3</sup> of \$5,000 per individual placed in WLB to provide mentorship for the individual

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<sup>2</sup>For Singapore Citizens only, capped at \$500 per month.

<sup>3</sup> For every successfully placed WLB graduate who are Singapore Citizens and Permanent Residents only.

## **NEW SKILLSFUTURE EARN AND LEARN PROGRAMMES**

### **New ELPs by Republic Polytechnic**

i. Specialist Diploma in Applied Artificial Intelligence

Artificial Intelligence is one of four frontier technologies that has been identified in Singapore’s Infocomm Media Industry Transformation Map (ITM) as an enabler of growth and jobs in Singapore. The ELP offered by RP will equip participants with knowledge and skills that underpin Artificial Intelligence (AI), as well as the ability to develop AI solutions for the new digital economy.

ii. Specialist Diploma in Healthy Ageing and Community Care for Seniors

This ELP will equip participants to contribute towards care delivery in the community with knowledge and multiple skills sets in exercise science, health promotion, health coaching, care coordination and care navigation. With Singapore facing increasing lifespans and a greying population, this programme will meet the increasing demand for specialised community care for seniors.

### **New ELPs by Temasek Polytechnic**

iii. Specialist Diploma in Biomedical Engineering & Services

TP and Singapore University of Social Sciences (SUSS) will launch a new joint ELP in Biomedical Engineering & Services for fresh polytechnic graduates, commencing in July 2018. The programme aims to equip participants with skills to meet the industry demand for trained specialists in the biomedical industry. Participants can expect to take on jobs assisting in medical equipment and devices, medical technology, as well as roles in the biomedical services industries.

iv. Specialist Diploma in Building Information Modeling

TP and Building Construction Authority Academy will launch a joint ELP in Building Information Modelling, commencing in October 2018. The Specialist Diploma in Building Information Modeling (BIM) will equip participants with the knowledge and skills to be proficient in virtual designs and how Building Information Modeling (BIM) functions in the different stages of a building's life cycle. Participants can expect to take on roles in the areas of BIM digital design, BIM asset management as well as BIM construction planning and management.

v. Specialist Diploma in Business Development in Technology

TP and Singapore Management University (SMU) will launch a new joint ELP in Business Development in Technology in April 2019, to equip participants with the skills of a Digital Marketer and a Technology Business Development executive. Technology graduates will possess the necessary technology skill-sets to assume a wide spectrum of roles while complemented with formal training of Digital Marketing and Business Development strategies and practices to widen the job roles of technology graduates as well as their career prospects in technology and beyond.

vi. Specialist Diploma in Lighting Design

This new programme is developed in response to changing landscape in the Interior and Architectural Design industry that has led to the growing demand for designers to incorporate lighting design in their scope of work. Commencing in Oct 2018, this new Specialist Diploma course will equip participants with the expertise to integrate spatial design and lighting at a level that enables them to address functional requirements of a client's brief, especially the psychology and physiology of the environments they create to accommodate their users.