

Annex – Profiles of SSS recipients and in-service scholars

PUB, Singapore's National Water Agency (6 recipients)

S/N	Name and age	Course and University	Profile
1	Ang Nian Ci 19 years old	Renaissance Engineering Programme Nanyang Technological University	In secondary school, Nian Ci had the opportunity to participate in several STEM innovation challenges and social innovation development programmes. Throughout the experience, she was intrigued by how a particular technology or system can have different applications and utilisation, and help improve lives in a sustainable manner. Nian Ci chose her course of study in Renaissance Engineering, as the curriculum in engineering and business will provide a strong foundation in design, implementation, and IT. She looks forward to working on projects that could impact the local community and playing a role in strengthening Singapore's water resilience through innovative solutions.
2	Arun Raghavendren 23 years old	Bachelor of Engineering in Mechanical Engineering Nanyang Technological University	Arun chose to pursue a bachelor's degree in Mechanical Engineering, specialising in mechatronics and robotics, as he has always loved to tinker with technology. For one of his academic projects, his team built a robot prototype that could deliver food and return trays and used utensils. He is currently interning at a food waste management startup in Singapore that helps F&B businesses and hotels reduce their food waste using mechatronics and data analysis.
3	Chloe Sim 19 years old	Bachelor of Engineering in Chemical and Biomolecular Engineering Nanyang Technological University	Sciences and Mathematics have always been Chloe's interest and forte, hence she decided to pursue chemical and biomolecular engineering at NTU. She aims to broaden her perspective by exploring and learning in various environments, especially in exchange programmes when the opportunity arises. She hopes to bring forward different perspectives and skillsets to promote

			innovation and to solve problems that will arise in the future.
4	Jayne Peh Hin Peng 19 years old	Bachelor in Geography University College London	While studying geography in Junior College, Jayne was intrigued by topics such as the study of spatial variations in flood risk within Singapore and sustainable urban development. Her interest in the dynamic relationship between humans and the environment is also influenced by her cocurricular activities in arts and culture, which includes theatre and Chinese song writing. Jayne hopes to leverage her geographical expertise to help PUB safeguard and enhance Singapore's water resources.
5	Tan Xi Shi Angel 21 years old	Bachelor of Engineering in Electrical Engineering National University of Singapore	Angel is passionate about electrical engineering as it is one of the core engineering disciplines and is enthused by the potential to incorporate artificial intelligence and machine learning within her work. Having graduated from Ngee Ann Polytechnic, she has interned at Sembcorp and PUB where she had the opportunity to design space- and energy-efficient solar energy systems and carry out research into tools for effective management of customers' water bills. Upon graduation, she hopes to contribute to PUB's smart utility and sustainability journey.
6	Yek Wen Bin 19 years old	Bachelor of Engineering in Civil Engineering National University of Singapore	Wen Bin chose to pursue Civil Engineering as he has a keen interest in the relationship between the built environment and nature. While Singapore's landscape is highly urbanised, he strongly believes in the potential to enhance liveability through integrating water infrastructure projects with nature.

Profiles of in-service scholars

PUB, Singapore's National Water Agency (3 recipients)

S/N	Name and age	Course and University	Profile
1	Leng Ting Fang 29 years old	Master of Science Environmental Engineering	Ting Fang is currently a Senior Chemist with PUB's Water Quality department. She is co-leading a project to transform

		National University of Singapore	the department's water sample management process by freeing up manpower from repetitive and manual tasks, streamlining processes and centralising information and communication. She was part of the core project team which automated the drafting of replies and internal routing of planning consultations received by PUB. The project was recognised at PUB's annual innovation awards. She chose to pursue a master's in Environmental Engineering at NUS to broaden her science background and accelerate her contribution in the planning and operational engineering areas in PUB.
2	Teh Ming Hwang 34 years old	Master of Science in Computing Imperial College London	Ming Hwang is a Senior Assistant Director in the Water Supply (Network) department and oversees Instrumentation, Control and Automation systems. He has worked on key projects, such as the use of online sensors in PUB's smart water grid platform for simulation and analytics. He is passionate about PUB's digitalisation efforts and its future as a smart utility. By pursuing a Master of Science in Computing, Ming Hwang hopes to contribute to PUB's digital transformation and smart nation journey.
3	Hew Sock Fang 38 years old	Master of Computing National University of Singapore	Sock Fang is a Senior Assistant Director with PUB's Water Supply (Network) department. She is the team lead in charge of compiling water supply network data, smart water grid analytics platform and R&D projects. As PUB continues its digital transformation journey, the exposure to IT-related systems and methodologies would only intensify. Sock Fang feels the strong need to equip herself with the relevant knowledge to better manage her team and oversee the smart projects to enhance PUB's operations.