

News Release

FOR IMMEDIATE RELEASE

DSTA PARTNERS POLYTECHNICS TO GROW TECH AND ENGINEERING TALENT

The Defence Science and Technology Agency (DSTA) will collaborate with the five Polytechnics - Nanyang Polytechnic, Ngee Ann Polytechnic, Republic Polytechnic, Singapore Polytechnic and Temasek Polytechnic, to jointly develop curricula designed to train and equip students with relevant skills to kickstart a career in technology and engineering.

Individual Memorandums of Understanding (MOU) were signed by DSTA Chief Executive Mr Tan Peng Yam and the respective Polytechnic Principals/ Deputy Principals at the DSTA Integrated Complex on 31 July 2018.

The agreements share common objectives of boosting local polytechnic students' exposure and knowledge in fast-growing fields of technologies, ranging from Artificial Intelligence, Cybersecurity, Data Science and Analytics, to Automation and Robotics, as well as Systems Engineering and Systems Management. Under the new partnerships, DSTA will work with each of the Polytechnics on a diverse range of training modes including curriculum development, internships, hackathons and adjunct lecturing by DSTA engineers. These will augment the Polytechnics' practice-based learning approach.

Mr Tan said, "The collaborations will give us a great opportunity to work with the polytechnics and students in diverse engineering disciplines, and help make engineering education a more attractive and exciting choice through hands-on experiences. Students could look forward to taking on real-world challenges and gaining new skills. The partnerships also offer new opportunities for DSTA and the Polytechnics to co-create novel solutions."

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About the Defence Science and Technology Agency

The Defence Science and Technology Agency, or DSTA in short, (国防科技局), is a statutory board set up under the Singapore's Ministry of Defence (MINDEF). It implements defence technology plans, acquires defence material and develops defence infrastructure for MINDEF.

DSTA provides leading-edge technological solutions to the Singapore Armed Forces by tapping the best technologies and fostering an environment of creativity and innovation for defence applications. It also builds up a strong community of engineers and scientists from the universities, research institutes, government and industry to serve the defence needs of the nation. For more information, please visit www.dsta.gov.sg.

ANNEX

QUOTES FROM POLYTECHNICS

NANYANG POLYTECHNIC

This partnership with DSTA gives NYP students access to valuable knowledge and skills to solve real-life problems. As our global environment is rapidly-evolving and uncertain, we see it as our duty to nurture the next generation of defence engineers skilled in areas such as Artificial Intelligence, Cybersecurity, Data Science and Analytics and Automation and Robotics.

Ms Jeanne Liew, Principal and Chief Executive Officer, Nanyang Polytechnic

NGEE ANN POLYTECHNIC

Ngee Ann Polytechnic's partnership with DSTA underscores our sustained effort to provide our students with exposure to cutting-edge technologies and industry-relevant training opportunities. Our students will have the exciting opportunity to co-create solutions, and participate in hackathons and internships as well as attend lectures conducted by DSTA engineers. Through these efforts, they will gain valuable insights into emerging technologies and opportunities in the diverse fields of engineering, such as Artificial Intelligence, Automation and Robotics, and Data Science and Analytics, and will be better prepared for their future careers. We look forward to collaborating with DSTA to nurture the next generation of engineers and technologists.

Mr Mah Wee Beng, Deputy Principal and Registrar, Ngee Ann Polytechnic

REPUBLIC POLYTECHNIC

“The collaboration with DSTA will further complement our efforts to train engineering and information technology professionals holistically, in order to address problems of the 21st century. It will provide a platform to leverage our organisations’ strengths for mutual benefit, through curriculum enhancements, developing lifelong learning programmes, providing industry attachment opportunities as well as test-bedding solutions.”

Dr Michael Koh, Deputy Principal (Academic Services), Republic Polytechnic

SINGAPORE POLYTECHNIC

“Singapore Polytechnic has established a strong track record in nurturing engineers who have played a part in the country’s progress. We are committed to partnering DSTA in training the next generation of engineers who can help develop cutting-edge solutions and contribute towards national security.”

Mr Lim Peng Hun, Deputy Principal (Academic), Singapore Polytechnic

TEMASEK POLYTECHNIC

“Temasek Polytechnic is pleased to collaborate in this partnership between DSTA and the polytechnics, through joint projects and training to meet Singapore’s defence, national security and national engineering needs. Leveraging on DSTA’s strong domain knowledge in Science and Technology, this collaboration will provide our Engineering and IT students with valuable real-life learning experiences that allow them to broaden their knowledge and apply their skills.”

Mr Peter Lam, Principal and Chief Executive Officer, Temasek Polytechnic