



NEWS RELEASE

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NTU Singapore to launch S\$62 million CyberSG R&D Programme Office to bolster national cybersecurity capabilities

Nanyang Technological University, Singapore (NTU Singapore) is launching a S\$62 million **CyberSG R&D Programme Office**, to accelerate research and development, and to build up cybersecurity capabilities for the country.

The new initiative was announced today by **Minister for Communications and Information and Minister-in-charge of Smart Nation and Cybersecurity, Mrs Josephine Teo**, at the Cyber Security Agency of Singapore's Cybersecurity Innovation Day, held at the Sands Expo and Convention Centre.

Hosted by NTU's School of Computer Science and Engineering (SCSE) and funded by the National Cybersecurity R&D Programme, under the Singapore's Research, Innovation and Enterprise Plan (RIE 2025), CyberSG R&D Programme Office's mission is to position Singapore as the global forerunner of cybersecurity R&D and adoption.

The CyberSG R&D Programme Office will be the first research programme of its kind in the Association of Southeast Asian Nations (ASEAN) region. It brings together researchers from local research institutions and other autonomous universities, including the Singapore Management University, Singapore Institute of Technology and Singapore University of Technology and Design.

By bringing domain experts from all major universities and research institutions in Singapore under one roof at CyberSG R&D Programme Office, researchers can coordinate, collaborate, and draw on each other's research expertise for mutual benefits.

This programme is supported by a S\$62 million investment over four years from Singapore's Cyber Security Agency.

Professor Luke Ong, Distinguished University Professor and Vice President

(Research), NTU, said, “NTU has strong industrial links and a network of collaborators in a range of domains requiring cybersecurity. Along with NTU’s strength in artificial intelligence, we are well positioned to fulfil the objectives of the CyberSG R&D Programme Office, which is aligned with the research pillar of **NTU 2025**, the University’s five-year strategic plan that aims to use innovative research to address technology’s impact on humanity.”

Cybersecurity is critical to realise Singapore’s goals of becoming a smart nation and a hub for digital economy. The CyberSG R&D Programme Office comes during a time of increased cyber threats, exacerbated by the emergence of artificial intelligence (AI) and Internet of Things (IoT). As cyber threats grow in scale and complexity, research into advanced methods and systems for IoT security, cyber threat intelligence as well as communication networks is necessary to strengthen Singapore’s cybersecurity capabilities.

Professor Bo An, Co-Director and Lead Principal Investigator at CyberSG R&D Programme Office, SCSE, NTU, said, “NTU has a long-standing reputation in AI research and boast a strong engineering eco-system supported by many laboratories. We believe that the university has the capacity to provide a comprehensive solution for future cybersecurity threats, ranging from lab research to industrial applications.”

Professor Liu Yang, Executive Director, CyberSG R&D Programme Office, SCSE, NTU, said, “Cybersecurity is one of the most important concerns in today’s digital society. Cybersecurity threats are rapidly evolving to become more sophisticated. This is a problem that requires novel techniques and systems to defend the critical infrastructures in the cyberspace. The new CyberSG R&D Programme Office aims to provide an incubation platform to perform R&D translation to address current challenges, and to safeguard against future cybersecurity threats for Singapore.

CyberSG R&D Programme Office will conduct activities under **three functions**.

1) Grant management: Facilitate strategic research collaborations and build capabilities locally through grant calls for research projects that tackle cybersecurity problems. Topics may include data privacy protection and cybersecurity with AI technology.

2) Applied research management: Gather all stakeholders ranging from scientists to corporates under a single platform to develop their ideas using open data and software tools. An incubation centre to guide start-ups in innovation and regulatory compliance may be initiated, along with entrepreneurial education programmes for those in the cybersecurity domain.

3) Research talent and outreach development management: To develop cybersecurity talent pool and promote Singapore’s cybersecurity R&D. For example, experts may conduct training courses at corporate and institutions, and internships

may be provided for budding talent. Public seminars may be conducted to raise awareness about developments in cybersecurity.

To further build up a home-grown cyber expert community, NTU is looking at offering joint masters and doctorate programmes with overseas institutions, supported by scholarships. Collaborations with reputable universities in the cybersecurity space will ensure the courses are cutting edge and produce professionals of the highest calibre.

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About Nanyang Technological University, Singapore

A research-intensive public university, Nanyang Technological University, Singapore (NTU Singapore) has 33,000 undergraduate and postgraduate students in the Engineering, Business, Science, Medicine, Humanities, Arts, & Social Sciences, and Graduate colleges.

NTU is also home to world-renowned autonomous institutes – the National Institute of Education, S Rajaratnam School of International Studies and Singapore Centre for Environmental Life Sciences Engineering – and various leading research centres such as the Earth Observatory of Singapore, Nanyang Environment & Water Research Institute and Energy Research Institute @ NTU (ERI@N).

Under the NTU Smart Campus vision, the University harnesses the power of digital technology and tech-enabled solutions to support better learning and living experiences, the discovery of new knowledge, and the sustainability of resources.

Ranked amongst the world's top universities, the University's main campus is also frequently listed among the world's most beautiful. Known for its sustainability, NTU has achieved 100% Green Mark Platinum certification for all its eligible building projects. Apart from its main campus, NTU also has a medical campus in Novena, Singapore's healthcare district.

For more information, visit www.ntu.edu.sg