

\$24m lab launched for robotics research

A robot with two arms that can hold odd-shaped objects with applications in industries such as logistics and healthcare is among the highlights of a tie-up between Nanyang Technological University (NTU) and Taiwan-based tech company Delta Electronics.

Boasting a significantly wider range of motion and functionality than existing devices on the market, the two-armed robot will continue its development at the Delta-NTU Corporate Lab for Advanced Robotics, a \$24 million laboratory to drive research and development into next-generation robotics technology. The lab was launched on Wednesday.

The joint venture, which is currently in its second phase, is supported by the Government as part of Research, Innovation and Enterprise 2025 plan, which sets the direction for Singapore's re-



Minister of State for Trade and Industry Alvin Tan checking out a robot gripper at the launch on June 7.
PHOTO: OMG

search and development priorities to focus on renewing the country's commitment to research while scaling up tech innovation capabilities for businesses.

The Phase 1 Delta-NTU partnership yielded impressive results that led to 15 patents and innovative solutions, such as a universal

smart navigation system for automated guided vehicles to transport goods in factories, said Professor Lam Khin Yong, vice-president for industry at NTU.

The second phase of research aims to refine and redefine existing robotic capabilities.

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