

Temasek Polytechnic and OMRON Unveil State-of-the-Art Proof of Concept Lab & Training Hub

SINGAPORE, Feb 6, 2024 – Temasek Polytechnic (TP) and OMRON Electronics Singapore proudly announce the official opening of the TP-OMRON Proof-of-Concept (POC) Lab & Training Hub. This collaborative venture, supported by the SkillsFuture Singapore (SSG), aims to contribute towards transformation of skills training in the industrial automation and electronic components sectors.

OMRON, a SkillsFuture Queen Bee, strives to add value to Singapore’s manufacturing sector with its advanced capabilities in industrial automation domain. Local enterprises and manufacturers now can utilize OMRON's cutting-edge technology, along with contributions from other solution partners, for multidisciplinary experiential skills training and collaborative projects encompassing autonomous and vision-assisted robotics, augmented reality, practical AI, and IoT Dashboard in practice, to name just a few. The POC Lab enables businesses to conduct POC activities in robotics, 3D vision, intelligent control systems and advanced analytics, providing them with the confidence needed before deploying automation solutions on their manufacturing shop floors.



Audience at the TP OMRON POC Lab and Training Hub inauguration

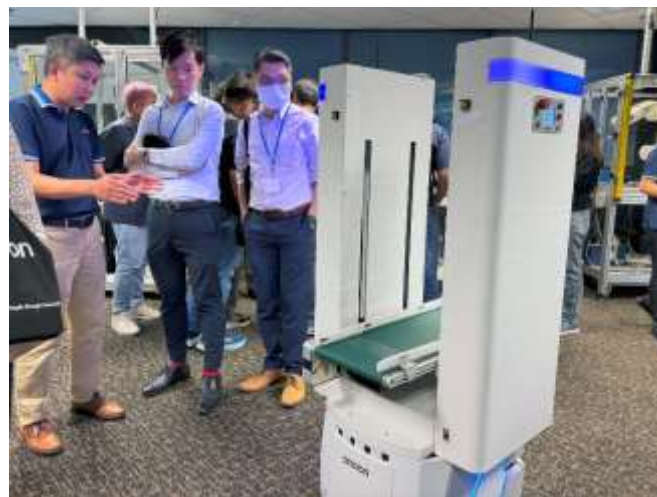
In collaboration with TP, OMRON has curated and conducted six Continuous Education Training (CET) courses and a Function Safety Masterclass course. These training courses aim to support enterprise transformations through practical upskilling and re-skilling initiatives and have already benefited over 500 applicants from 45 companies. Additionally, more than 30 direct POC engagements have been executed with enterprises, resulting in 20 successful implementations across segments/ industries like Digital, Logistics, Food n Beverage, etc. Mentorship support grants are also provided to offset the costs required for such POC projects to help enterprises in their business transformation journeys.



According to Mr. Don Teng, Managing Director, OMRON Asia Pacific Pte Ltd, “The TP-OMRON Proof of Concept Lab & Training Hub is a testament to our commitment to fostering innovation and excellence in the field of industrial automation. This collaborative initiative is a pivotal step towards empowering local enterprises with cutting-edge technology, experiential training, and mentorship, propelling Singapore’s manufacturing sector to new heights.”

Don Teng, MD, OMRON Asia Pacific Pte Ltd speaking at the event

Looking ahead to 2024, OMRON and TP plan to launch a new Robotic Masterclass. This program will include an overseas learning journey to OMRON’s China Automation Centre, and the development of emerging CET courses. The goal is to train over 200 individuals and facilitate 20 POC collaborations, fostering innovation and problem-solving within the local enterprise community.



Visitors looking at the solutions at the TP OMRON POC Lab and Training Hub

“Temasek Polytechnic is excited to partner with OMRON to inaugurate the TP-OMRON Proof of Concept Lab. This partnership marks a significant stride in our commitment to providing industry-relevant education and fostering innovation in advanced manufacturing. The Training Hub serves as a dynamic space where local enterprises can leverage on OMRON’s expertise and cutting-edge technology for hands-on skills training and collaborative projects. Together, we aim to empower individuals and businesses with the knowledge and practical experience essential for success in Singapore’s evolving industrial landscape.” said Mr Song Kwok Yuen, Director, School of Engineering, Temasek Polytechnic.

Through this collaboration, the POC Lab & Training Hub ensure that skill upgrading and knowledge enhancement, coupled with mentorship, align with evolving economic demands to meet future skills requirements, and contribute to the continued success and growth of Singapore's industrial landscape.

About Temasek Polytechnic

Established in 1990, Temasek Polytechnic is one of the leading institutions of higher learning in Singapore. Currently it offers [36 full-time diploma courses](#) in the areas of applied science, business, design, engineering, humanities & social sciences and informatics & IT. It also offers over [40 part-time courses](#), up to advanced diploma level. TP students undergo a holistic learning system that combines hands-on experience, character education and relevant life skills, in an enriching learning environment. The Polytechnic has also infused global realities into its programmes and developed a mindset on campus that embraces socio-cultural diversity. Believing in the possibilities of tomorrow, Temasek Polytechnic is committed to co-creating a better world with its stakeholders by nurturing the next generation of values-centred leaders, lifelong learners and future-oriented creators. For more information, please visit www.tp.edu.sg

About OMRON Corporation

OMRON Corporation is a leading automation company centered on its unique "Sensing & Control + Think" technology. Founded in 1933, OMRON now employs approximately 30,000 people worldwide and provides products and services in approximately 120 countries and regions. For more information, please visit <https://www.omron.com/apac/en/>.

About OMRON Industrial Automation Business

The Industrial Automation business unit of OMRON is a global leader providing complete automation solutions for industrial applications. It brings innovation to manufacturing sites through automation with "Integrated", "Intelligent" and "Interactive" concepts with one of the world's most sophisticated and wide product range encompassing panel components, smart sensors, Vision technologies, PLCs, Servos, Drives, Robots & Cobots and Machine safety solutions (ILOR+S) technology.

In APAC, the concept of innovative-Automation has made OMRON create immense value for the manufacturing segment by solving varied issues in multifarious sectors such as automotive, food & beverage, FMCG, digital and logistics to name just a few. It strives to support manufacturing innovation with its unique sensing & control technologies and caters to customers situated in 8 countries in the region via its strong and wide network of offices, application capabilities, service and sales engineers supported by Logistics 4.0 solutions development & automation technology centers (for demos and Proof of Concepts), training centers as well as channel partners to address the ever- challenging requirements. For more information, please visit: OMRON Industrial Automation APAC Website

For more information, please visit:

[OMRON Industrial Automation APAC Website](#) and [LinkedIn](#)

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