



HP and NTU unveil new courses to equip Singaporeans with 3D printing related skills

Yesterday's official opening of the HP-NTU Digital Manufacturing Corporate Lab unveiled six new SkillsFuture short courses related to 3D printing were launched, to train and upskill Singaporeans in additive manufacturing and digital design.

These short courses, payable with SkillsFuture credits, include: the fundamentals of additive manufacturing, digital product designs, data management, automation, user experience, and business models. Through these courses, the Corporate Lab aims to train some 120 working professionals per year.

At the event, researchers from HP Inc. and Nanyang Technological University, Singapore (NTU) also showcased digital manufacturing technologies set to make manufacturing and supply chain operations more efficient, cost-effective and sustainable.

Among them are intelligent design software tools that automate advanced customisation, as well as supply chain models that enable faster time to market while lowering carbon footprint.

Drive innovation, technology, skills and economic development

The research partnership between NTU, HP Inc. and the National Research Foundation Singapore (NRF), was first announced in October 2018.

Today, the Corporate Lab's team of more than 60 scientists, researchers and engineers are developing key innovations to tackle some of the key challenges in digital manufacturing, from 3D printing, cybersecurity and new applications to the impact of artificial intelligence and machine learning.

As HP's first university laboratory collaboration in Asia and its largest university collaboration worldwide, the Corporate Lab aims to drive innovation, technology, skills and economic development critical for the advancement of the 4th Industrial Revolution.

The event was also part of HP's 50th anniversary celebration of its presence in Singapore. The global tech company started with a small assembly factory in Singapore in 1970. Today, HP's Singapore footprint includes its Greater Asia region headquarters, global supply chain control towers, print R&D centres of excellence, as well as manufacturing facilities.



Photos / provided

Lead photo caption: Examples of 3D printed products from the HP Multi Jet Fusion printer, which allows for flexible designs with both soft and hard plastic in a single print.