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UiTM Pulau Pinang Strengthens Semiconductor Expertise Through Train-the-Trainer Program in China

## SINERGI

18/11/2025 / SITI ZUBAIDAH MD SAAD



Shenzhen, China, 17 October 2025 – A delegation of lecturers from **Universiti Teknologi MARA (UiTM) Pulau Pinang** successfully participated in the **Train-the-Trainer: IC Assembly and Advanced Packaging Program** in Shenzhen, China, under Malaysia’s **National Semiconductor Strategy (NSS)**. This initiative underscores UiTM’s commitment to advancing technical knowledge and supporting Malaysia’s talent development in the semiconductor sector.

As part of the program, the delegation visited **WinTech Nano-Technology Service Pte Ltd** on 17 October 2025 to gain first-hand exposure to cutting-edge industrial practices in semiconductor assembly and packaging. The visit featured an in-depth briefing on WinTech’s operations and advanced processes, including **Scanning Electron Microscopy (SEM)**, **Transmission Electron Microscopy (TEM)**, **Focused Ion Beam (FIB)**, failure analysis, and reliability testing. These

technologies represent the precision and innovation driving the global semiconductor industry.

The engagement provided UiTM lecturers with valuable insights into industry standards and emerging trends, which will enhance teaching and training in semiconductor-related courses. The program successfully established initial professional connections and opened avenues for future collaboration in knowledge sharing and skill enhancement.

This initiative reflects UiTM's proactive role in strengthening academic-industry linkages and supporting Malaysia's strategic vision to become a regional leader in semiconductor technology. By equipping educators with advanced technical expertise, UiTM continues to contribute to the development of a highly skilled workforce aligned with the goals of the **National Semiconductor Strategy**.



Tags: [National Semiconductor Strategy \(NSS\)](#), [UiTM Cawangan Pulau Pinang](#), [Universiti Teknologi MARA \(UiTM\)](#), [WinTech Nano-Technology Service Pte Ltd](#)

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