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Visit to Japan Boosts Semiconductor R&D and Talent Development: NYCU Shares Experience with Five Universities, Signs MOU, and Opens Joint Lab with Kyushu University



Kyushu University President Tatsuro Ishibashi (left) and NYCU President Chi-Hung Lin (right) signed a memorandum of understanding during a press conference on June 27.

Translated by Hsuchuan

Edited by Chance Lai

As global demand for semiconductors rises, Japan welcomes TSMC's establishment and actively nurtures talent in this field. Last week, National Yang Ming Chiao Tung University (NYCU) was invited to visit three major semiconductor hubs in Japan and Tokyo to enhance local universities' research and development capabilities. This visit represents interaction between top universities in Taiwan and Japan and highlights the opportunity for collaboration in the semiconductor industry between the two countries.

Partnering with Top Japanese Universities to Reach New Heights in Industry-Academia Collaboration for Semiconductors



Hokkaido University plans to collaborate with NYCU on research integrating healthcare and semiconductors

Additionally, Kyushu University began collaborating with NYCU and the Industrial Technology Research Institute last September in three significant fields: semiconductors, smart vehicles, and green energy ([Read More](#)). During this visit, we signed another MOU, planning to establish joint semiconductor research laboratories at Kyushu University's Ito Campus (Nishi-ku, Fukuoka) and NYCU this year. These research laboratories will bridge industry-academia collaboration in both regions, assisting local companies in entering the international semiconductor supply chain.

NYCU's Experience Recognized: Invited to Share at Japanese Universities

NYCU is actively sharing its extensive experience in semiconductor research and talent cultivation to support Japanese universities. Recognized for its long-standing commitment to training industry professionals in Taiwan and globally, NYCU's collaboration has garnered high praise from major Japanese

NYCU President Chi-Hung Lin led this visit to Japan with visits to the Tokyo Institute of Technology, Hokkaido University, Tohoku University, Kyushu University, and Kumamoto University. During the visit, NYCU signed memorandums of understanding (MOU) and agreements with Hokkaido University, Kumamoto University, and Kyushu University. Additionally, we jointly organized workshops to explore collaboration opportunities in forward-looking research.

President Chi-Hung Lin stated that Hokkaido University will join forces with NYCU to promote joint research in the semiconductor field and achieve domestic production of next-generation semiconductors. This collaboration will enhance Hokkaido University's research capabilities and inject new vitality into the global advancement of semiconductor technology. NYCU and Kumamoto University also plan to implement credit recognition and establish joint research laboratories to promote the development of the local semiconductor industry. These collaborative projects demonstrate NYCU's outstanding leadership and international influence in semiconductors.

institutions. This significant visit to Japan strengthened NYCU's partnerships and drew widespread media coverage, including from Nikkei and NHK, highlighting Japan's keen interest in Taiwan's semiconductor achievements.

This initiative marks a pivotal step in NYCU's international cooperation efforts. Through close collaboration with Japan's top universities, NYCU aims to drive significant research advancements and contribute to global technological progress.



Japanese media interviewed President Lin Chi-Hung (second from right) at Hokkaido University.

Related Image(s) :



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NYCU and Kumamoto University also work towards mutual credit recognition and establishing joint research laboratories.



Tohoku University invited Mayor Kazuko Kori of Sendai City to join the exchange and learn from our university's experience in industry-government-academia collaboration.

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Contact Us



Yangming Campus

📍 Address : No. 155, Sec. 2, Linong St. Beitou Dist., Taipei City 112304, Taiwan [↗](#)

☎ Phone : +886-2-2826-7000

Chiaotung Campus

📍 Address : No. 1001, Daxue Rd. East Dist., Hsinchu City 300093, Taiwan [↗](#)

☎ Phone : +886-3-5712121

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