

Illuminating the Global Semiconductor Future! 2025 NTU Chip-based Industrial Innovation Program Concludes Successfully



The "2025 NTU Chip-based Industrial Innovation Program " has successfully concluded. This program gathered 26 outstanding bachelor's and master's students from countries including India, Italy, Japan, the Philippines, and Serbia, who participated in a two-week intensive IC design training at NTU. The program not only provided students with opportunities to learn professional knowledge but also promoted international talent exchange, deepening cooperation between Taiwan and the international community in the semiconductor field.



In terms of curriculum arrangement, professors from the College of Electrical Engineering and Computer Science and the College of Social Sciences joined forces to provide instruction on key technologies such as IC design processes, chip manufacturing, and digital/analog circuit design. Meanwhile, to enable students to gain a deeper understanding of the industry's current situation, visits were arranged to renowned institutions such as TSMC, MediaTek,

STMicroelectronics, Kneron, Taiwan Semiconductor Research Institute, and Delta-NTU Joint Research Center, allowing students to have close contact with the latest technological applications. In addition, students had the opportunity to enter NTU's cleanroom to experience the chip manufacturing process and engage in hands-on practice in Professor Fu Li-Chen's Advanced Control Laboratory and Intelligent Robot and Automation Laboratory, exploring intelligent applications.

In addition to professional courses and practical experiences, internationalization was also emphasized through the arrangement of rich cultural exchange activities, enabling students to deeply experience Taiwan's academic environment and daily life, and appreciate the beauty of Taiwan's diverse culture. Through the "talent cultivation, talent retention, and talent acquisition" strategy, it is hoped that NTU can be built into a global IC design talent cultivation base, strengthening Taiwan's influence in the global semiconductor field.

At the graduation ceremony, Associate Vice-President for International Affairs Prof. Kuo-Hsin Yang encouraged the students, hoping that they would transform their learning experience into a driving force for future growth, and looked forward to seeing them again in academia or industry. This program not only cultivates outstanding talents



for the international community but also builds an important bridge for technological cooperation between Taiwan and the world.