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# CIA Newsletter

SUT SURANAREE UNIVERSITY OF TECHNOLOGY

CENTER FOR INTERNATIONAL AFFAIRS


## SUT Explores Industry-Driven Academic Partnership with Lunghwa University of Science and Technology, Taiwan

**Advancing Semiconductor Talent, Industry-Linked Education, Student Mobility and Applied Research Collaboration**

**TAOYUAN, TAIWAN – 11 August 2026 —** A delegation from Suranaree University of Technology (SUT), Thailand, led by Assoc. Prof. Dr. Pornsiri Jongkol, Dean of the Institute of Engineering, visited Lunghwa University of Science and Technology (LHU), Taiwan, to explore a new institutional partnership focusing on industry-linked education, semiconductor and advanced communication technologies, student mobility, dual-degree programs, and applied research collaboration.

The SUT delegation was warmly welcomed by an LHU delegation led by Prof. Tzu-Hsiang Ko, President of Lunghwa University of Science and Technology, together with the Vice President and representatives responsible for international cooperation and academic collaboration. Both universities expressed their commitment to developing practical and mutually beneficial activities that could form the foundation for a long-term partnership.

## About LHU

LHU has particular strengths in semiconductor manufacturing, 5G and advanced communications, high-speed data transmission, PCB technology, and digital/VR-AR applications. Its advanced facilities, including the Lunghwa Semiconductor Manufacturing Center (LSMC), provide students with hands-on experience in semiconductor production and testing. LHU's distinctive characteristics include:

- Practice-oriented engineering education
- Strong industry-academia collaboration
- Extensive laboratory-based learning
- Professional certification programs
- IEET-accredited engineering programs
- Close partnerships with Taiwan's manufacturing and semiconductor industries

## Connecting Education with Industry

A key highlight of the visit was LHU's distinctive industry-centric educational model, which places strong emphasis on practical skills, graduate employability, and research that directly addresses industrial needs.

LHU works closely with industry in curriculum development, research, student training, and corporate-sponsored education. Its approach provides students with hands-on experience while enabling faculty members to work directly with companies on real-world technological challenges.

With more than 11,200 students, including approximately 3,100 international students, LHU has developed a highly international learning environment closely connected to Taiwan's technology and industrial ecosystem.

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# Exploring Advanced Technology Facilities

The SUT delegation also visited LHU's advanced teaching and research facilities, including the Lunghwa Semiconductor Manufacturing Center, where students receive hands-on experience in semiconductor manufacturing processes; facilities for 5G mobile communication and antenna technology; and laboratories focusing on high-speed data transmission technologies for the AI era.

Additional facilities support PCB prototyping, semiconductor characterization and testing, and VR/AR and multimedia technologies, demonstrating how LHU integrates practical training, research, and industrial applications.

## New Pathways for SUT Students

Discussions focused on several potential academic pathways between SUT and LHU, including:

- 2+2 dual bachelor's degree programs;
- 1+1 dual master's degree programs;
- A 3+1+2 pathway linking undergraduate study with an industry-supported master's program;
- Short-term and project-based student exchanges, including an English-taught semester in semiconductor engineering and manufacturing; and
- Joint academia-industry research projects and faculty collaboration.

Of particular interest was LHU's industry co-funded study model, in which selected students may receive corporate support covering tuition fees and living allowances while developing practical skills aligned with industry needs. Students progressing to Chinese-taught master's programs are required to achieve TOCFL Level A2 Chinese proficiency, with intensive language preparation provided by LHU. These pathways are designed to connect academic study with industry experience and future employment opportunities.

## Building an Academia–Industry Partnership

- **Faculty & Research Collaboration:** Establish a platform connecting SUT and LHU faculty to jointly develop international academia–industry research projects, combining SUT's engineering and research expertise with LHU's strong industrial network and application-oriented research environment.
- **Strategic Partnership:** Build a foundation for formal SUT–LHU collaboration in student mobility, industry-ready talent development, applied research, and technology-driven cooperation between Thailand and Taiwan.

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