

國立勤益科技大學 勤新訊 益



114學年度創辦人紀念攝影比賽

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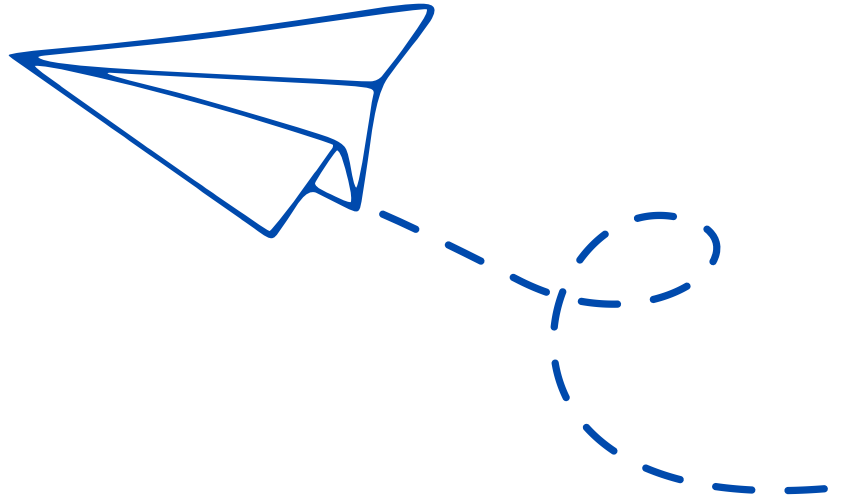


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Department of Chemical Engineering and Materials Alumni Association Holds Second General Assembly and Board Election

The Alumni Association of the Department of Chemical Engineering and Materials at National Chin-Yi University of Technology (NCUT) held its Second General Assembly and Board Election on January 10, 2026, bringing together alumni and distinguished guests in a warm and engaging atmosphere that highlighted the strong sense of unity within the association.

The first-term Chairperson, Ms. Fen-Yu Chu, was widely recognized for her active leadership and dedication to strengthening alumni engagement and organizational development. In recognition of her outstanding contributions, she was re-elected by an overwhelming majority to serve as Chairperson for the second term.

The event was honored by the presence of several distinguished guests, including Mr. Tsun-Hung Huang, Director of the Founder's Office; Dr. Sheng-Chung Ni, Chair of the Department of Chemical Engineering and Materials; Mr. Wen-Tsung Hsieh, President of the NCUT Alumni Association; and Mr. Cheng-Ta Hsu, President of the Elite Alumni Association. Faculty members Prof. Yu-Shu Chien, Prof. Ming-Liao Tsai, Prof. Mei-Hui Tsai, and Prof. Shu-Chih Hsieh also attended, fostering meaningful interactions between faculty and alumni.

A luncheon was held at Ming-Hsiu Residence, the former home of the university founders. The event featured a food truck and buffet, along with a lucky draw that added to the lively atmosphere. Following the meal, alumni toured the residence and expressed deep appreciation for the visionary dedication and generosity of the founders, General Ming Chang and Ms. Kuo-Hsiu Wang.

The Alumni Association extends its sincere gratitude to all founding members and alumni from the first and second terms. Moving forward, the association will continue to strengthen alumni connections, enhance collaboration with the department, and support the sustainable development of the program.

*NCUT Recognized at 104 Job Bank's "2026 University Brand Day Ranks Third in Central Taiwan for Regional Leadership and Excels in Graduate Employability"



104 Job Bank held the 2026 University Brand Day and released its University Brand Power Rankings on January 7, 2026, recognizing excellence in university branding and talent cultivation across Taiwan. National Chin-Yi University of Technology (NCUT) achieved outstanding results, receiving the Regional Leadership Award (3rd Place in Central Taiwan) and ranking 4th among national universities of science and technology in the Academic Cluster Employability indicator, highlighting strong employer recognition of NCUT graduates.

The ceremony featured a keynote address by Mr. Chun-Chang Chu, Administrative Deputy Minister of the Ministry of Education, who emphasized that big-data-driven university brand indicators help students better understand workplace competency needs and provide valuable references for higher-education policy development.

Unable to attend due to prior commitments, NCUT President Kun-Sheng Chen appointed Professor Mei-Ling Huang, Vice President for Research and Development, to represent the university. Professor Huang shared NCUT's educational philosophy centered on "Three Dimensions of Student Success and Three Pillars of Talent Development," a framework that integrates student recruitment, education, career readiness, and faculty development.

NCUT also noted its continued progress in international rankings, with ongoing recognition from QS and Times Higher Education (THE). Moving forward, the university will further strengthen AI curriculum collaboration, industry partnerships, and international exchange, cultivating highly competitive applied-technology professionals and contributing to Taiwan's higher-education and industrial development.

International Students at NCUT Celebrate Graduation of Indonesian Refrigeration 2+i Program



National Chin-Yi University of Technology (NCUT) will hold the Graduation Ceremony for the Indonesian Refrigeration 2+i Program at 10:30 a.m. on January 15 on the sixth floor of the University Library. University leaders, faculty members, and students will gather to celebrate this milestone as international program students complete their cross-border academic journey and begin a new chapter in their lives.

Since enrolling in September 2023, the graduates have experienced a challenging yet rewarding period of study in Taiwan. From the nervous anticipation of their first Mandarin classes and supporting one another during earthquakes, to cooking together in dormitory kitchens and rushing back before curfew, these shared moments have become cherished memories. Beyond academics, students actively participated in calligraphy and painting courses, sold Indonesian cuisine at campus fairs, and confidently took the stage in Mandarin speech contests, demonstrating strong motivation and a commitment to cultural exchange.

Student representative Daris Muhammad Rahman (Wang De-Ren) delivered a heartfelt speech during the ceremony, describing the journey as “both exciting and frightening.” He reflected on overcoming language barriers and intensive academic demands through perseverance and mutual support, and expressed sincere gratitude to faculty members, academic departments, the Office of International Affairs, and family members for their guidance and encouragement.

Professor Wen-Chieh Luo of the Department of Refrigeration, Air Conditioning and Energy Engineering noted that the Indonesian Refrigeration 2+i Program is a successful model of NCUT’s international talent cultivation. Graduates who remain in Taiwan contribute to industry development, while those returning to Indonesia apply their expertise locally, strengthening international collaboration.

NCUT emphasized that the program integrates professional training with Mandarin learning, cross-cultural communication, and global mobility, marking this graduation as both an academic achievement and a meaningful step onto the global stage.

Institutional Wisdom Inspires University Governance: NCUT Hosts Lecture by Legislative Yuan Education and Culture Committee Secretary-General

On January 13, 2026, National Chin-Yi University of Technology (NCUT) invited Dr. Hsi-Chin Chen, Secretary-General of the Education and Culture Committee of Taiwan's Legislative Yuan, to deliver a keynote lecture titled "Institutional Wisdom and the Continuity of Experience: Insights from the Operations of Legislative Committees." The lecture attracted numerous university administrators and faculty members, reflecting NCUT's strong commitment to enhancing institutional governance, meeting procedures, and decision-making quality.

Dr. Chen emphasized that while public attention often focuses on plenary voting sessions, the true arena where legislative outcomes are shaped is the committee system. He provided an in-depth analysis of committee procedures, decision-making structures, and the division of responsibilities, illustrating how professional deliberation and well-designed processes form the core engine of parliamentary operations. He noted that committee systems represent not merely a collection of legal provisions, but a practical and transferable model of organizational governance.

The lecture also highlighted Dr. Chen's two major publications, developed over a decade, which systematically integrate legal interpretation with practical legislative precedents and are widely regarded as essential references for understanding Taiwan's parliamentary procedures.

NCUT President Kun-Sheng Chen remarked that the lecture offered valuable insights for improving university committee operations and administrative decision-making. The university plans to continue incorporating best practices from public governance to strengthen transparency, efficiency, and sustainability in campus governance.



NCUT Builds New Strength in Smart Sensing Embedded Microcontroller Talent Development Demonstration Base Launched



The Department of Electronic Engineering at National Chin-Yi University of Technology (NCUT) recently held an unveiling ceremony for the Embedded Microcontroller Talent Development Demonstration Base at the Robotics Sensing and Monitoring Laboratory (E617). Distinguished guests from academia and industry gathered to witness a new milestone in industry-academia collaboration and smart sensing talent cultivation.

The project is led by Professor Han-Hung Kuo and is supported by the Ministry of Education's 2025 Teaching Practice Research Program (Project No. PSK1143232). NCUT has partnered with global microcontroller leader Microchip to integrate teaching resources with industrial technologies and strengthen embedded systems education.

Mr. Ta-Yuan Chien, Manager of Microchip Technology Taiwan, praised NCUT's commitment to engineering education and expressed hope that equipment donations and technical exchanges would help bridge the gap between academia and industry. Dean Rong-Hsiang Cheng of the College of Electrical and Computer Engineering noted that the demonstration base significantly enhances students' hands-on capabilities and research capacity.

Microchip donated 35 ARM Cortex-M0+ embedded microcontroller kits, supporting a systematic, theme-based learning approach that guides students from fundamental concepts to system-level design. By using graphical code-generation tools and ML development platforms, students can improve development efficiency and lower the learning threshold for AI and machine learning applications.

NCUT emphasized that the new base will continue to cultivate system-oriented, practice-ready talent, supporting smart machinery development and contributing to Taiwan's net-zero carbon industrial transformation.

Experts Call for Institutional, Technical, and Material Solutions to Strengthen Green Energy Fire Safety



As solar photovoltaic and energy storage systems continue to expand, safety concerns surrounding green energy infrastructure have drawn increasing attention. Experts warn that arc faults in photovoltaic panels can generate extreme temperatures of up to 20,000°C within seconds. Combined with the characteristic that “electricity is present whenever there is light,” fire scenes may pose severe electrocution risks, creating significant challenges for emergency responders.

Professor Chin-Lung Chiang from the Department of Chemical and Materials Engineering at National Chin-Yi University of Technology emphasized that Taiwan should strengthen safety regulations by learning from the U.S. National Electrical Code (NEC). He recommended mandating the installation of Arc Fault Circuit Interrupters (AFCIs) to detect abnormal arcs and automatically cut off power, supplemented by infrared thermal imaging to identify early hotspots.

From an institutional perspective, Chiang noted that solar panel back sheets should be regulated as building materials, with flame spread ratings upgraded to the highest fire-resistance standards. He also stressed the urgency of establishing long-term inspection and maintenance mechanisms to address aging, corrosion, and external damage.

On the materials front, Chiang highlighted the potential of bio-based flame-retardant materials, such as those derived from tea polyphenols or coffee grounds, which can rapidly form protective char layers during fires. For lithium battery thermal runaway risks, flame-retardant thermoplastic polyurethane (TPU) can be used to create physical fire barriers between modules.

Fire officials added that strict site management, warning signage, and safety distances are essential to improving emergency response and overall green energy resilience.

2025 – 15th Distinguished Alumni Awards 『Outstanding Contributions to Society or the Nation』

Chen-Tung Tai
Secretary General, Taitung County
Farmers' Association



Hsiu-Man Chien
Taichung Branch, Taiwan Tobacco &
Liquor Corporation



Shu-Hua Huang
Chairperson, Labor Foundation



Yu-Chien Liu
General Manager, You-Zheng Real
Estate Brokerage Co., Ltd.



Shou-Jen Kuo
General Manager, Jibao Precision Industrial
Co., Ltd.
Chairperson, Jizhuan Building Materials
Technology Co., Ltd.

2025 – 15th Distinguished Alumni Awards 『Category: Business Management』



Tsung-Sheng Hsu
General Manager, Ju-Yeh Precision
Machinery Co., Ltd.



Huai-Pei Chen
Chairman, Greater Taichung Chamber
of Commerce



Wen-Chih Lin
General Manager, Hsiao-Lin
Machinery Works Co., Ltd.



Yi-Hsiang Huang
Executive Vice President, Cheng-Yu
Technology Engineering Co., Ltd.



Hsieh-Ho Lin
Principal, Hong-He Precision
Research Co., Ltd.