

# 國立勤益科技大學

新訊

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2025

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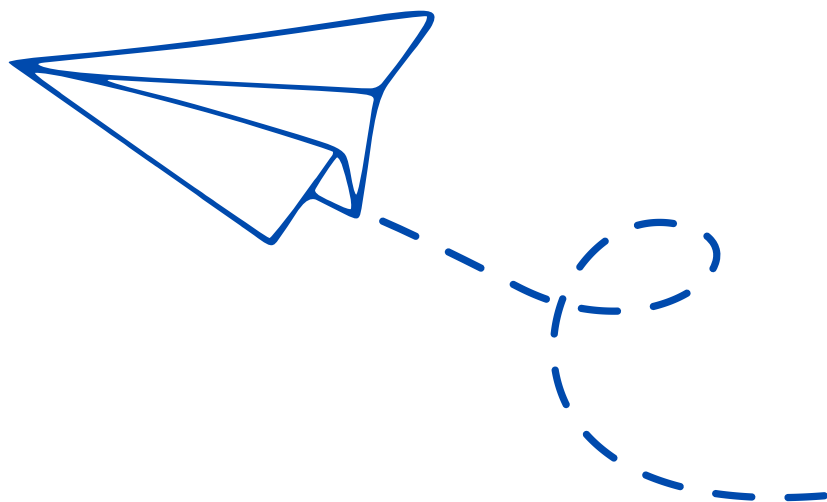
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# Contents




- NCUT Launches “Green Travel New Age” Exhibition to Promote Sustainable Tourism P1
- NCUT Wins Two Gold Medals at the Asian Skills Competition P2
- NCUT Competes at gSIC 2025, Winning a Merit Award in the Design Category P3
- NCUT Celebrates Its 54th Anniversary as Alumni Donate Official Vehicle and Global Rankings Reach New Heights P4
- CHUM WIT Technology GM Chiang Wei-Tseng Appointed 10th President of NCUT Electrical Engineering Alumni Association P5
- HOLTEK Semiconductor and Best Modules STEAM Association Donate 120 BMduino Systems to NCUT to Cultivate Future Technology Talents P6
- NCUT Mechanical Engineering Alumnus Tsai Tzu-Fang Honored with the 48th Model Entrepreneur Award, Showcasing Smart Cycling Technologies on the Global Stage p7
- NCUT Elite Alumni Association Holds Third–Fourth Term Chairperson Handover Ceremony and Distinguished Lecture p8

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# NCUT Launches Exhibition “Green Travel New Age” to Promote Sustainable Tourism



In response to the global movement toward sustainable tourism and the 2050 Net-Zero Emissions policy, the Department of Applied English at NCUT held the opening ceremony of the “Green Travel New Age” exhibition on December 1 at the first-floor atrium of Guoxiu Building. Through diverse curatorial approaches, the exhibition promotes green tourism concepts and attracted enthusiastic participation from faculty and students.

The opening ceremony was attended by Vice President Chao Kuei-Hsiang, Dean of the College of Humanities and Creativity Chen Yuan-Shan, Chair of the Department of Applied English Wu Ya-Ling, as well as faculty and students from the Departments of Applied English and Cultural and Creative Industries. In his remarks, Vice President Chao emphasized that sustainable tourism has become a global trend and that the creativity and actions of young people play a vital role in driving social transformation. He also commended the Department of Applied English for integrating language expertise with exhibition planning and sustainability issues, thereby strengthening students’ practical skills and interdisciplinary competence.

The Department of Applied English has long featured exhibition planning as a core course. This year’s exhibition, themed around green tourism, includes interactive zones on low-carbon transportation, sustainable accommodation, local cultural exploration, and green cuisine. Students served as guides, providing engaging and immersive experiences that sparked campus-wide discussions on low-carbon travel.

The event also showcased cross-department collaboration between the Departments of Applied English and Cultural and Creative Industries. Students highlighted green tourism destinations across Taiwan—including Chiayi, Nantou, Taichung, Hualien, Taitung, Penghu, and Green Island—by combining cultural narratives, environmental conservation, and low-carbon travel planning. The thoughtfully designed routes received high praise from visitors.

NCUT stated that through hands-on exhibition practice and interdisciplinary collaboration, the event not only deepened students’ professional learning but also demonstrated the university’s commitment to integrating technology and humanities. Moving forward, NCUT will continue promoting sustainability initiatives and encourage the adoption of green tourism principles beyond campus and into everyday life.

# NCUT Wins Two Gold Medals at the Asian Skills Competition



The 3rd Asian Skills Competition (ASC) was held in Taipei this November and hosted by Taiwan's Ministry of Labor, marking Taiwan's return to hosting an international skills competition after more than 30 years since 1993. The event brought together competitors from Taiwan, South Korea, Japan, Thailand, Indonesia, Malaysia, Saudi Arabia, and Uzbekistan. National Chin-Yi University of Technology (NCUT) achieved outstanding results by winning gold medals in both the CNC Turning and Refrigeration and Air Conditioning categories, demonstrating the strong foundation of Taiwan's technical and vocational education.

The gold medal in the CNC Turning category was won by Wu De-Long, a student from NCUT's Department of Mechanical Engineering, under the guidance of Dr. Su Yi-Chen. Raised in a farming family, Wu began developing his mechanical skills at a young age by helping repair agricultural machinery at home. During his studies at Caotun Commercial and Industrial Vocational High School and later at NCUT, he steadily built his machining expertise. Encouraged by his instructors, he joined the national training program. Despite repeatedly finishing as runner-up and even being listed as an alternate in previous selections, Wu persevered and ultimately claimed the championship in his final year of eligibility, representing Taiwan on the international stage and securing the gold medal. All CNC lathes and milling machines used in the competition were provided by Taichung Machine Tool Co., Ltd., ensuring world-class competition standards. Chairman Huang Ming-Ho praised Wu's solid technical skills and stated that the gold medal was well deserved.

Another gold medal was earned by Chen Jian-Kai, a student from NCUT's Department of Refrigeration, Air Conditioning, and Energy Engineering, under the supervision of Dr. Lin Chien-Yu. A graduate of Nangang Vocational High School, Chen further refined his technical expertise at NCUT through systematic training and strong industry-academia support. This year's competition focused on global trends such as environmentally friendly refrigerants and energy-efficient control. Chen's stable, precise, and efficient performance impressed the judges, earning him the gold medal and highlighting the successful pathway of technical talent development between vocational high schools and universities.

NCUT stated that these achievements are the result of joint efforts among industry, academia, and government, long-term guidance from dedicated faculty, and years of perseverance by the students. The university will continue to strengthen industry-academia collaboration and competition-oriented training, supporting students in reaching international stages and showcasing the strength of Taiwan's technical talent to the world.

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# NCUT Competes at gSIC 2025, Winning a Merit Award in the Design Category

The 2025 Global Student Innovation Challenge (gSIC) was grandly held in Bangkok, Thailand, bringing together elite teams from dozens of countries around the world. Representing Taiwan, National Chin-Yi University of Technology (NCUT) participated in the competition under the leadership of Dr. Chin-Po Shih from the Department of Electronic Engineering. The team competed in the Design Category with an innovative tactile interaction project and was awarded a Merit Award, once again showcasing NCUT's creative strength on the international stage.

Dr. Shih has long been dedicated to innovation research and has led students to participate in numerous domestic and international competitions. The project presented at gSIC 2025 integrated multimodal interaction technologies, demonstrating strong interdisciplinary capabilities that combine electronic engineering, sensor design, and human-computer interface development. Although the team did not place among the top three as initially hoped, both faculty and students displayed outstanding creativity, technical competence, and teamwork throughout the competition, earning recognition from the international jury.

Student team members shared that observing the high level of sophistication in projects from other countries and engaging in exchanges with international peers provided invaluable learning experiences. "Being able to represent Taiwan on an international stage is a rare and meaningful opportunity. We will continue to improve and challenge ourselves," the students said.

NCUT noted that Dr. Shih has achieved repeated success in international invention exhibitions in the past, and this year's participation in gSIC further highlights the university's solid foundation in electronics, engineering, and innovative design. Moving forward, NCUT will continue to promote interdisciplinary, hands-on, and competition-oriented education, encouraging more young talents to step onto the global stage and pursue international challenges.





## NCUT Celebrates Its 54th Anniversary as Alumni Donate Official Vehicle and Global Rankings Reach New Heights

NCUT celebrated its 54th anniversary today (the 6th) with a grand campus ceremony attended by faculty members, students, alumni, and distinguished guests, marking a significant milestone in the university's development. The event also warmly welcomed the President of its sister institution, Maejo University of Thailand, Dr. Pone, whose presence highlighted NCUT's long-standing commitment to international exchange and the steady expansion of its global partnerships.

This year's anniversary theme, "54 Legends, Creating a New Horizon," symbolizes NCUT's determination to build upon more than five decades of educational excellence while continuing to advance toward internationalization, academic distinction, and sustainable development. The university emphasized that since its founding, NCUT has upheld a philosophy of practical, application-oriented technical education. Through strong industry-academia collaboration and hands-on learning, the university has cultivated generations of highly skilled professionals and established itself as a key pillar of Taiwan's technical and vocational education system.

During the anniversary ceremony, Alumni Association President Hsieh Wen-Tsung shared a heartfelt story of alumni giving back to their alma mater. This year, alumni jointly initiated a campaign to donate an official vehicle to the university. President Hsieh personally wrote a sincere appeal letter to alumni, calling on them to support NCUT's continued growth. Remarkably, the fundraising goal was achieved within just six hours, with enthusiastic participation that deeply moved the organizers. Some alumni even offered substantial donations, which President Hsieh graciously encouraged to be shared so more alumni could take part, reflecting the strong unity and mutual support among the NCUT community.

The university also noted its outstanding recent performance in international rankings and academic achievements. NCUT continues to rank among the top institutions in the QS Asia University Rankings, while faculty and student teams have earned repeated honors in international invention exhibitions and skills competitions, demonstrating strong interdisciplinary innovation and technical expertise. Looking ahead, NCUT will remain student-centered, further enhance teaching innovation, strengthen industry partnerships and international collaboration, and work hand in hand with alumni and partners to create the next chapter of NCUT's enduring legacy.

# CHUM WIT Technology GM Chiang Wei-Tseng Appointed 10th President of NCUT Electrical Engineering Alumni Association



Mr. Chiang, Wei-Tseng, General Manager of CHUM WIT Technology, has been appointed as the 10th President of the Alumni Association of the Department of Electrical Engineering at NCUT.

Mr. Chiang attributed his professional success in power distribution systems and electromechanical integration to the solid technical foundation he gained at NCUT. He emphasized that the university's practice-oriented education played a key role in developing his ability to integrate mechanical and electrical systems to improve industrial efficiency.

Expressing gratitude to Vice President Kuei-Hsiang Chao for his guidance during his academic years, Mr. Chiang stated that he is deeply thankful for the mentorship he received.

During his two-year term, Mr. Chiang plans to strengthen alumni engagement, support the university's development, and create more learning and career opportunities for students. Through industry mentorship and university-industry collaboration, he hopes to provide practical support to faculty and students while contributing to the continued growth of NCUT's Department of Electrical Engineering.

# HOLTEK Semiconductor and Best Modules STEAM Association Donate 120 BMduino Systems to NCUT to Cultivate Future Technology Talents



HOLTEK Semiconductor Inc., in collaboration with the Best Modules STEAM Education Development Association, donated 120 sets of BMduino (BM53A367A) microcontroller development systems and intelligent modules to National Chin-Yi University of Technology (NCUT) today (the 10th). The donation aims to strengthen hands-on teaching and foster the development of next-generation smart technology professionals. The donation ceremony, titled Industry-Academia Collaboration and Equipment Donation Ceremony, was held at Room E122 of the Engineering Building, highlighting the strong partnership between industry and academia in advancing technology education.

The donation was presented by Mr. Jen-Kai Hsu, General Manager of Best Modules Technology, and Mr. Lin-Cheng Chen, Manager of HOLTEK Semiconductor. NCUT was represented by Vice President Kuei-Hsiang Chao and Dean Jung-Hsiang Cheng of the College of Electrical Engineering and Computer Science. Administrators from several senior high schools were also invited to attend and witness this milestone event.

Mr. Hsu stated that BMduino is not merely a development tool, but a powerful platform for inspiring innovation and enhancing practical skills. He expressed hope that students would master cutting-edge technologies through continuous hands-on practice and interdisciplinary exploration, preparing themselves to become key talents in the era of smart technology.

The BMduino system features high performance, low power consumption, and industrial-grade precision, and is widely applied in areas such as the Internet of Things (IoT), smart home systems, and automation control. Vice President Chao noted that, in accordance with the industry-academia collaboration agreement, NCUT will actively integrate the donated equipment into relevant courses and research projects, while encouraging students to participate in domestic and international innovation competitions to strengthen their microcontroller application and practical capabilities.

NCUT emphasized that this donation not only demonstrates corporate social responsibility, but also injects new momentum into the university's smart education initiatives. Moving forward, NCUT will continue to deepen collaboration with industry partners, integrating teaching, research, and practice to steadily advance toward its vision of "Smart, Sustainable, and Innovative" education.

# NCUT Mechanical Engineering Alumnus Tsai Tzu-Fang Honored with the 48th Model Entrepreneur Award, Showcasing Smart Cycling Technologies on the Global Stage

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彥豪智能科技(股)公司  
董事長

Tsai, Tzu-Fang, an alumnus of the Department of Mechanical Engineering at NCUT, has been honored with the 48th Model Entrepreneur Award, earning high recognition for his outstanding achievements. Tsai currently serves as Chairman of TEKTRO Technology Corporation, where he has devoted many years to the bicycle industry. Through major breakthroughs in advanced smart

cycling technologies—such as electronic shifting systems and ABS anti-lock braking systems—he is widely regarded as a key driver in upgrading Taiwan’s bicycle industry.

TEKTRO Technology Corporation has long focused on the development of intelligent riding technologies, demonstrating strong research and development capabilities spanning mechatronic integration and sensor-based control systems. The company is considered a crucial force in promoting high value-added transformation across the bicycle industry supply chain.

On the 27th, President Lai, Ching-te received the award recipients at the Presidential Office and personally extended his congratulations. President Lai praised Taiwanese entrepreneurs for their resilience and forward-looking vision, noting that continuous innovation enables Taiwanese companies to remain competitive on the international stage. He also encouraged enterprises to take the initiative in building green supply chains with upstream and downstream partners, advancing net-zero transformation and creating new momentum for national economic growth. The ceremony was attended by Premier Cho Jung-tai, Minister of Economic Affairs Kung Ming-hsin, Chairperson of the Overseas Community Affairs Council Hsu Chia-ching, and Director-General of the Small and Medium Enterprise and Startup Administration Lee Kuan-chih, along with nearly 500 industry representatives.

Organized by the Chinese National Association of Industry and Commerce, the Model Entrepreneur Award has reached its 48th year and is one of Taiwan’s most prestigious and rigorously evaluated honors for business leaders. Competition in this year’s selection was particularly intense, with nominees representing top performers across diverse industries. In his remarks, the chair of the jury emphasized that this year’s awardees share a common trait: the ability to uphold technological independence and demonstrate strong leadership amid global supply chain disruptions. Chairman Tsai Tzu-Fang was highlighted as a prime example of an “invisible champion” successfully evolving into a visible global leader.



## NCUT Elite Alumni Association Holds Third–Fourth Term Chairperson Handover Ceremony and Distinguished Lecture

The Elite Alumni Association of NCUT held its Third–Fourth Term Chairperson Handover Ceremony on Saturday, December 20, 2025, at the Howard Plaza Hotel. The event also featured a distinguished lecture, drawing enthusiastic participation from alumni and guests, and concluded successfully in a warm and celebratory atmosphere.

The association was honored to invite Deputy Minister Chin-Tsang Ho to deliver a keynote lecture entitled “Taiwan’ s Industrial Development Policies and Future Outlook.” In his talk, Deputy Minister Ho provided in-depth analysis of global economic trends, U.S. tariff policies, and Taiwan’ s industrial strategies. The lecture sparked lively discussion, with alumni actively engaging in the Q&A session amid continuous applause.

During the handover ceremony, Mr. Cheng-Ta Hsu, an alumnus of the EMBA Program in the Department of Information Management, officially assumed office as Chairperson of the Fourth Term. He received the role from outgoing Third-Term Chairperson Mr. Hsi-Huang Hsieh. Chairperson Hsu expressed that accepting the position is a great honor, symbolizing the continuation of NCUT’ s legacy and a commitment to shared responsibility. He pledged to lead the association toward a new chapter of growth in the coming year. The handover moment was met with resounding applause, reflecting both appreciation for past achievements and confidence in the future. Appointment letters were also presented to First Vice Chairperson Chao-Wen Wu and Second Vice Chairperson Chi-Tsai Lin, highlighting the association’ s strong and well-structured leadership team.

Distinguished guests in attendance included NCUT Vice President Kuei-Hsiang Chao, Director Tsun-Hung Huang of the Founder’ s Office, Alumni Association President Wen-Tsung Hsieh, founding chairperson Yun-Chang Liu, former chairpersons Kuo-Jung Chen and Hsi-Huang Hsieh, Chairman Chi-An Tang of Taiwan Tobacco & Liquor Corporation, as well as NCUT faculty members. Guests unanimously affirmed that the Elite Alumni Association serves as one of the university’ s strongest pillars and a key force within the industry.

The association stated that under Chairperson Hsu’ s leadership, it will continue to grow and unite alumni strength, deepen connections with the university, and work together to support NCUT’ s sustainable development and broader contributions to society.