

國立勤益科技大學

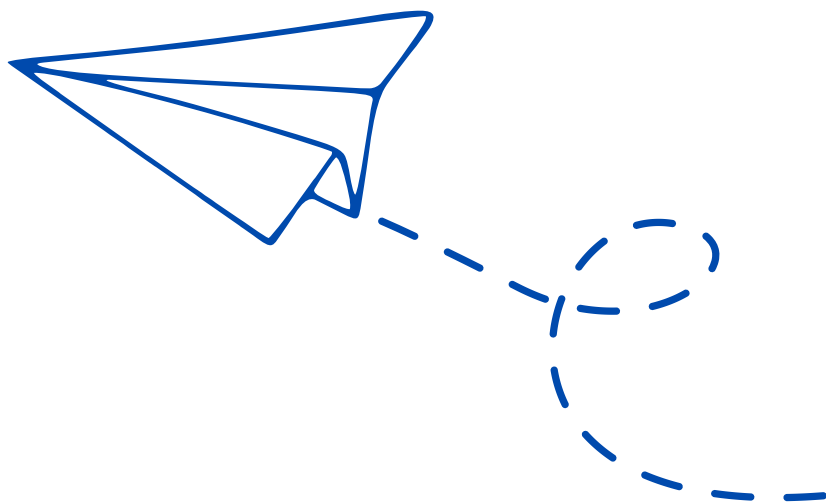
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NCUT Team Wins Top Honor at National Technical and Vocational Hackathon



An innovation and entrepreneurship team cultivated by National Chin-Yi University of Technology (NCUT) through the Ministry of Education’s “Innovation and Entrepreneurship Education Program for Colleges and Universities” achieved outstanding results at the national finals of the 9th Technical and Vocational Hackathon Competition. The NCUT student team, “XD I Will Not Give In,” stood out among 63 teams and 185 finalists from technical and vocational universities nationwide with its project, “GoGoFood Campus Autonomous Smart Meal Pickup Vehicle.” The team won the highest honor, the Jury Grand Prize, and received a cash award of NT\$250,000.

This year’s competition focused on the United Nations Sustainable Development Goal 12, “Responsible Consumption and Production,” encouraging students to propose innovative solutions for the green economy, sustainable consumption, and production models. During the finals held at National Kaohsiung University of Science and Technology, participants were required to complete ideation, design, and prototype development within a limited time, testing their creativity, technical integration, hands-on skills, and teamwork.

NCUT’s award-winning project was inspired by the issue of campus food surplus. It integrates an autonomous vehicle, RFID student ID verification, and an automatic meal dispensing system to create a smart meal pickup platform. The design also includes meal box and food waste recycling mechanisms, forming a resource circulation model. Combining innovation, practicality, and sustainability, the project has the potential to improve campus dining management and be applied in other public spaces.

NCUT stated that the award recognizes the students’ creativity and practical abilities, while also reflecting the university’s achievements in technical and vocational education, innovation and entrepreneurship, and sustainable practice. The university will continue to support students through curriculum guidance, project-based learning, competition training, and entrepreneurship mechanisms, helping them transform creative ideas into practical solutions for society and industry.

Tiehua Blooming” Taiping Iron Art Touring Exhibition Opens NCUT and Taiping District Office Showcase the Regenerative Aesthetics of Scrap Metal



NCUT, in collaboration with the Taiping District Office of Taichung City, continues to promote the University Social Responsibility (USR) project, “When We Think of Ironwork, We Think of Taichung—Creating New Possibilities for Iron Art.” The project has brought iron art touring exhibitions to cultural venues under the Taichung City Government Cultural Affairs Bureau for several consecutive years. Following exhibitions at Huludun Cultural Center in 2023 and Tun District Art Center in 2024 and 2025, the exhibition is being extended in 2026 to Qingshui Hall at Taichung City Seaport Art Center. Titled “Tiehua Blooming,” the exhibition highlights Taiping’ s iron art and the regenerative aesthetics of scrap metal.

Centered on the theme “Where Iron Remembers, Art Begins to Bloom,” the exhibition integrates Taiping’ s metalworking craftsmanship, aesthetic recreation, and the transformation of discarded materials. A total of 25 award-winning works from the Taiping Iron Art Festival are on display, covering the artisan, group, and inheritance categories. The works present diverse interpretations of natural imagery, the flow of life, metal lines, and new-generation aesthetics.

Among the exhibits, “Flowing Light of Fern Shadows” by artisan Jiang Liu Mei-Bi has drawn particular attention. At the age of 82, she created her first iron artwork, inspired by her love of flowers and natural plants. By transforming the soft image of ferns into a metal artwork, she demonstrated that iron art is not only a display of technique but also a carrier of life experience and emotional memory.

At the opening ceremony, NCUT Vice President Kuei-Hsiang Chao stated that NCUT and the Taiping District Office have worked closely with local communities and representatives for many years. Since 2019, they have jointly promoted the Taiping Iron Art Festival, transforming scrap metal from traditional factories into iron sculptures with new perspectives through cultural creativity and aesthetic recreation. NCUT noted that the exhibition conveys the spirit of artistic regeneration and environmental sustainability, allowing local industry to become an important treasure of culture, art, and education.

NCUT Health Management Students Visit Xinyi Plum Dream Factory

Exploring the Development of the Plum Industry and Its Health Applications



Faculty members and students from the Department of Health Industry Technology Research, Development and Management at NCUT recently visited the Xinyi Township Farmers' Association Plum Dream Factory in Nantou County. The visit was arranged as part of their interest in the development of the plum industry and the relationship between plum products and health promotion. Through the field trip, participants gained a deeper understanding of the research, production, processing, and marketing strategies behind the local plum industry.

During the visit, the Farmers' Association arranged a guided tour of the wine cellar, where the factory director introduced the brewing process, storage environment, and product features of plum wine. Students were also given the opportunity to experience the aroma and flavor of finished plum wine, allowing them to better understand the diverse value of processed plum products through sensory learning. Many students said that walking into the wine cellar and learning how plums are transformed from raw materials into finished products was a special and valuable experience.

NCUT's department noted that the health industry is closely connected not only with health management and care services, but also with local agricultural products, food research and development, nutrition, wellness, and marketing. Centered on local plums, the Xinyi Township Farmers' Association has developed plum wine, plum extract, and various plum-based products, while also integrating tourism factory operations and brand marketing to demonstrate the innovative transformation of a local industry.

NCUT stated that the visit enabled students to connect classroom learning with real-world industry practices, deepening their understanding of health industry applications and local agricultural development. The university also encourages the public to visit the Xinyi Plum Dream Factory in person to experience the dedication and charm of Xinyi's plum industry.

NCUT Holds 2026 Graduation Ceremony under the Theme “Core Evolution”

115 International Students Graduate, Presidential Education Award Winner Honored



NCUT held its 2026 graduation ceremony on June 6 at Huichuan Hall in the Qingyong Building. This year’s ceremony was themed “Core Evolution,” with the spirit of “Strength as the foundation, resilience as the power to soar,” symbolizing graduates’ professional competence and resilience as they move forward in a rapidly changing era shaped by post-pandemic challenges and the rise of AI.

A highlight of this year’s ceremony was the graduation of 115 international students from countries including Vietnam, Indonesia, the Philippines, and India, reflecting NCUT’s achievements in internationalization and the cultivation of global technical and vocational talent. The ceremony followed an emotional three-part structure of “memories, honor, and commitment,” featuring a school introduction video, faculty procession, an Indigenous student performance, the graduation video Youth with You, degree conferral, award presentations, graduate speeches, and a collective pledge.

In his address, the president focused on gratitude and the strengths of technical and vocational education in the AI era. He reminded graduates that their achievements were not only the result of personal effort, but also the support of parents, families, teachers, and classmates. He encouraged them to carry gratitude into the next stage of life, especially toward their parents.

Facing the AI era, he also urged graduates to make good use of their hands-on professional skills. While AI can support language, data processing, and workflow improvement, the ability to solve real problems, integrate on-site needs, and create industrial value still depends on solid professional training and practical skills.

This year, Lin Chen-Wei, a master’s student in Information Management and a recipient of the 2025 Presidential Education Award, was personally honored by the president with tassel-turning, cap adjustment, and degree conferral. NCUT wished all graduates a bright future, moving forward with strength and soaring with resilience.

NCUT Interdisciplinary Team Wins Two Awards in National Sustainability Innovation Competition

全國人文社會永續行動創新應用競賽

碳索世界 綠遨遊

碳微觀址-國立勤益科技大學
人工智慧應用工程系 黃天德、李雨玟
冷凍空調與能源系 顏裕修、李偉全
應用英語系 蕭筠臻

GREEN TRAVEL

議題描述

隨著全球暖化，旅遊中的交通與食宿碳排因資訊繁雜難以量化，導致民眾難支持環保，卻因資訊落差難以落實永續行動。本提案旨在提供簡易、即時的旅遊碳排資訊，縮短永續理念與生活的距離，將節能減碳轉化為日常習慣。

提案動機

現有碳排工具因情境斷點及操作複雜，難以驅動民眾長期的永續實踐。本團隊致力縮短政策與生活的落差，透過整合食宿交通、即時比對與生活化回饋的 App，提升決策效率，將淨零轉型轉化為全民參與的具體行動。

實際解決方法

本提案開發直覺式 App，整合旅遊食宿交通，提供即時低碳建議與點數回饋機制，並結合遊戲化任務與社群互動提升黏著度。針對不同族群提供差異化選項，並應用生命週期分析技術揭露碳排資訊，將減碳行為轉化為具商業價值的永續生活實踐。

預期效益

本提案運用 TDX 平台將碳排資訊可視化，透過即時比對與回饋機制引導永續旅遊，提升社會對淨零轉型的認知。具備高度落地開發條件，能有效帶動責任消費文化。

結論

我們深度整合 TDX 交通平台、Google Maps 與環境部環保認證資料，將旅遊中的食、宿、行及用品碳排全面可視化。透過 PWA 技術提供即時比對與低碳路徑建議，並結合等級稱號、成就解鎖與點數兌換等遊戲化機制，大幅提升參與感與黏著度。本計畫旨在縮短政策與生活的距離，將節能減碳轉化為具吸引力的日常實踐，具體落實 2050 淨零轉型目標。

指導單位：教育部 主辦單位：國立政治大學 承辦單位：AI 國立政治大學人工智慧經濟學研究中心

NCUT's interdisciplinary student team, "Carbon Micro-Map," achieved outstanding results in the Ministry of Education's 2025 National Humanities and Social Sciences Sustainability Action Innovation Application Competition. Inspired by the "Green Travel New Era" green tourism exhibition organized last year by NCUT's Department of Applied English, the team stood out among 70 teams nationwide and won two honors: the "Team Excellence Award" and the "Ministry of Transportation and Communications TDX Transportation Data Service Special Award." This year's competition attracted nearly 400 students from 70 teams across Taiwan, with only 22 teams advancing to the finals, including 15 teams in the university division. Participating teams were encouraged to combine humanistic care with digital technology to propose innovative and sustainable solutions that respond to social needs and environmental challenges. NCUT's "Carbon Micro-Map" team focused on green tourism and carbon footprint calculation. By integrating digital technology, low-carbon transportation data, and sustainable tourism concepts, the team developed a practical and innovative proposal.

The project further transformed the ideas from the "Green Travel New Era" exhibition into an application that uses carbon footprint calculation and data analysis to help the public build awareness of low-carbon travel. The award-winning team was composed of students from three departments: Hsiao Yun-Chen from the Department of Applied English, Huang Tian-De and Li Yu-Wen from the Department of Artificial Intelligence Application Engineering, and Li Wei-Chuan and Yen Yu-Hsiu from the Department of Refrigeration, Air Conditioning and Energy Engineering. The students combined their strengths in language communication, AI technology, energy sustainability, and carbon management to create a project with both social value and practical application. The team was jointly advised by Professor Wu Ya-Ling, Chair of the Department of Applied English; Professor Liu Chuan-Kang, Chair of the Department of Artificial Intelligence Application Engineering; and Professor Wu Yu-Lieh from the Department of Refrigeration, Air Conditioning and Energy Engineering. NCUT stated that the achievement demonstrates the effectiveness of its interdisciplinary education and sustainability training, and the university will continue to encourage students to apply classroom learning to real-world

NCUT Uses Video Storytelling to Open a New Narrative for Local Revitalization

Opening Ceremony for Beyond the Strings and Local Revitalization Forum Held in Taichung



Supported by the NUST Sustainability Working Group, the “2026 NUST Local Revitalization and Industrial Documentary Forum” was held on June 15 at Zhongshan 73 Film and Arts Space in Taichung. Centered on the opening ceremony for the artisan documentary *Beyond the Strings*, the event focused on how local woodworking craftsmanship in Taichung has been transformed into the art of violin making. Through digital video and industrial documentary production, the forum aimed to re-examine the relationship among local industries, artisan skills, and cultural revitalization, allowing local craftsmanship and stories to be seen and understood by a wider audience.

The forum was jointly organized by National Chin-Yi University of Technology, National Chung Hsing University, and National University of Kaohsiung, co-organized by the Taichung Film Development Foundation, and supported by Good Motion Entertainment and William Violin. NCUT served as the main implementation site, bringing together academic expertise, video production professionals, and craft practitioners to build a cross-university, interdisciplinary, and cross-industry platform for local revitalization.

The forum invited Distinguished Professor Wang Shih-Tze of National Chung Hsing University, Professor Ting I-Hsien of National University of Kaohsiung, Director Lee Ming-Tsung of Good Motion Entertainment, and Lin Tien-Wei, General Manager of Hequan Enterprise and founder of William Violin, to share their perspectives. They discussed how local craftsmanship can be transformed into cultural narratives through video from the viewpoints of industrial sustainability, digital technology, documentary practice, and violin craftsmanship.

Project leader Associate Professor Yen Chia-Sung from NCUT’s Department of Cultural and Creative Industries stated that *Beyond the Strings* is not only about how a violin is made, but also about how a local craft can find a new position in society through materials, techniques, sound, and images. NCUT will continue to use video production, cultural storytelling, and interdisciplinary practice to transform university teaching into local communication and social engagement.

NCUT Enters QS World University Rankings for Third Consecutive Year

Ranked Third among Taiwan's Universities of Science and Technology in 2027

The QS World University Rankings 2027 were released on June 18, 2026, bringing good news once again for National Chin-Yi University of Technology (NCUT). NCUT has entered the QS World University Rankings for the third consecutive year and ranked third among Taiwan's universities of science and technology, demonstrating steady progress in teaching quality, research capacity, internationalization, employability, and sustainability.

This year's QS World University Rankings reached a new scale, with the number of assessed universities increasing from 8,467 last year to 8,808 this year. A total of 1,504 institutions were included in the final ranking, with only 27 universities from Taiwan making the list. NCUT's continued recognition in this highly competitive global higher education environment reflects the university's achievements in deepening technical and vocational education, promoting industry-academia collaboration, advancing applied research, and enhancing international visibility.

NCUT stated that the university has long upheld the principles of practical application, industry connection, interdisciplinary innovation, and sustainable development. Located at the heart of Taichung's precision machinery and machine tool industry cluster, NCUT actively connects with industries such as smart manufacturing, precision machining, electronic technology, and artificial intelligence applications. Through research centers, hands-on training facilities, industry-academia projects, and talent development platforms, the university cultivates technical and vocational talent with practical skills, creativity, and global mobility.

In this year's QS rankings, NCUT showed improvement in several indicators, including citation impact, international faculty ratio, student and alumni employability and influence, and sustainability. Facing the rise of AI and digital transformation, NCUT has also continued to strengthen its curriculum and research in AI applications, smart manufacturing, automation control, data analysis, and green sustainable technologies.

NCUT noted that entering the QS World University Rankings for three consecutive years is an important recognition of the joint efforts of faculty and students. Looking ahead, the university will continue to deepen teaching innovation, strengthen research impact, expand international collaboration, and promote sustainable development.

Taichung Harbor Southwest Rotary Club Holds 40th President Handover Ceremony Wen Tang-Kun Takes Office and Leads Members into a New Chapter of Service



The 39th anniversary charter celebration of the Taichung Harbor Southwest Rotary Club of Rotary International District 3461, together with the handover and installation ceremony for the 39th and 40th presidents and officers, was held on the 28th at Chengdu Banquet Fashion Hall in Qingshui. During the ceremony, outgoing President Wang Chih-Wei handed over the presidency to incoming President Wen Tang-Kun, with District Governor Tsai Yang-Ming (Sunny) serving as the handover witness. Distinguished guests, including outstanding alumni of National Chin-Yi University of Technology, EMBA faculty members and classmates, and many prominent community leaders, attended to offer their congratulations.

The 40th president, Wen Tang-Kun, is the General Manager of Yong Quan Fa Enterprise and also serves as Chairman of the Taichung Taiping Tai Chi Association. With his professional expertise and dedication to service, he has earned wide recognition from various sectors. Yong Quan Fa is known in the industry for its high-quality, high-security computerized safes. Through precise craftsmanship and innovative technology, the company has developed safes with fireproof, anti-theft, anti-drilling, and acetylene-resistant functions. It has also obtained ISO 9001 international quality certification. As a professional manufacturer of steel-plate-grade vaults, the company insists on 100% Taiwan-made production and provides customized products based on special functional requirements and dimensions, helping clients enhance operational security and reduce business risks.

Wen stated that the spirit of Rotary lies in service and integrity, and that the Four-Way Test serves as an important ethical guide for Rotary members around the world in both personal and professional life. Before thinking, saying, or doing anything, members should ask themselves: Is it the truth? Is it fair to all concerned? Will it build goodwill and better friendships? Will it be beneficial to all concerned? These principles are not only the foundation of Rotary service, but also values that should be practiced in business management and daily life.

Wen emphasized that he will uphold the purpose and spirit of Rotary, actively promote club affairs, and work together with all members to build consensus, continue the club's legacy, and devote themselves to social welfare and local service, creating a brighter future for the Taichung Harbor Southwest Rotary Club.