



University : National Chin-Yi University of Technology
Country : Taiwan
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[SDGs 17] Partnership for the Goals 全球夥伴

[17.2.5] Does your university as a body collaborate with NGOs to tackle the SDGs through: research programmes, development of educational resources

Yes, NCUT collaborates with non-governmental organizations (NGOs) to support the Sustainable Development Goals (SDGs) through both research programs and the development of educational resources.

Collaboration with NGOs on SDG Research and Education at NCUT

NCUT maintains active partnerships with various NGOs to jointly advance the SDGs, particularly through:

1. Research Programs with NGO Involvement

- NCUT's Sustainable Development Center works with the ESG Sustainable Development Association (a professional NGO) to carry out ESG-related research, particularly in:
 - Carbon inventory and carbon reduction strategies
 - Corporate ESG performance assessment
 - Low-carbon technology applications
- Through this collaboration, NCUT and the NGO co-develop carbon accounting tools and methodologies aligned with international sustainability frameworks, helping local industries adopt best practices.

2. Development of Educational Resources

- NCUT and its NGO partners jointly design and deliver ESG training programs and teaching materials tailored to both university students and corporate personnel.
- These educational resources include:
 - Workshops on sustainability reporting and carbon footprint analysis
 - Certification-aligned course materials for carbon inventory practitioners
 - Public educational campaigns supporting **climate action (SDG 13)** and **responsible consumption (SDG 12)**

3. Supporting Community Outreach and Awareness

- NCUT collaborates with environmental NGOs and local government bodies to implement public awareness campaigns on topics such as:
 - Food waste recycling



- Plastic reduction and resource reuse
- Sustainable transportation and zero-emission vehicles

These efforts often include student participation, turning research findings into educational and community action tools, thus amplifying their impact.

NCUT's collaboration with NGOs strengthens both research and education aligned with the SDGs. By co-developing ESG tools, training materials, and public awareness campaigns, the university not only contributes to academic knowledge but also ensures practical implementation and community engagement through NGO partnerships.

NCUT Partners with NGOs and Industry to Promote SDGs and Carbon Reduction

NCUT actively collaborates with NGOs such as the ESG Sustainable Development Association and Bell International Inspection and Certification Group to promote the UN Sustainable Development Goals (SDGs). Through its Carbon Neutral Center, NCUT offers carbon inventory services, coordinates environmental training, and helps industries align with Taiwan's 2050 net-zero goals.

One notable case is alumnus Chiu Chunmao, General Manager of Neoair Company, who delivered a lecture on "Planning and Energy-saving Design of Air Compressed Utility Systems." He emphasized how air compressors and air conditioning are major industrial electricity consumers and introduced strategies to improve efficiency and reduce carbon emissions.

Neoair, the sole agent for INGERSOLL-RAND air compressors in Taiwan, provides advanced, energy-saving solutions and serves major clients such as TSMC, NVIDIA, and CHIMEI. The company has received several national awards for product excellence and customer satisfaction.

Committed to digital transformation, Neoair has introduced app-based service systems and real-time notifications to improve efficiency and reduce environmental impact. By sharing professional knowledge and promoting sustainable technologies, NCUT and Neoair exemplify how academic-industry collaboration can drive green innovation and support national carbon reduction targets.



Thousands of students compete for a million-dollar



Local Revitalization Economics! Yongjing Taste Tour

prize at the 9th Green Living Creative Design Competition

advocates learning and practice (co-promoted by our School of Management, Yunus Social Enterprise Center, Hanyang Manor and other social enterprises)



Da Yin is deeply engaged in sustainable education and cultivating talents for intelligent manufacturing (NCUT receives high-precision industrial robots as a gift)

Water and Soil Conservation Agency Guides 49 Rural Shops – Taitung “Tauzing Ranch” Successfully Transforms into a Hip Cultural Spot (NCUT’s Professor Yen Chia-Sung Participates in Project Evaluation)



NCUT collaborates with Taiwan’s Overseas Community Affairs Council (OCAC) to run a 4-year Industry-Academia Cooperative Bachelor’s Program for overseas overseas Chinese youth.

To help young people achieve “employment upon graduation,” the Taichung City Government Labor Bureau has launched the “Career Navigation on Campus” program in collaboration with NCUT.



NCUT Hosts the Annual Meeting of the Abrasive Society and the Precision Machining Technology Seminar

NCUT Collaborates with the Taiwan Hydrogen and Fuel Cell Association and the Taiwan Energy Service Industry Development Association to Host the Hydrogen and Fuel Cell Symposium, Advancing Sustainable Energy and the Hydrogen Economy Era



Associate Professor Lee Feng-Chia of NCUT Invited as Keynote Speaker at Chongyang Technology's Green Intelligent Manufacturing Seminar on Production Management Platforms

The Energy and Refrigeration Air-Conditioning Academic and Technical Conference (ERAC 2024) and the 6th "Green Energy Innovation and Creativity Project" Competition Grandly Open at NCUT



NCUT Hosts the National Hydrogen and Fuel Cell Symposium

The 5th "422 Gaia Day – Earth Restoration Action"

NCUT and Longquan Elementary Join Forces for Anti-Drug Youth Camp



To strengthen anti-drug awareness among youth, National Chin-Yi University of Technology (NCUT) and Longquan Elementary School in Taichung co-hosted the "Anti-Drug Seedling: Hand-in-Hand Defense Youth Camp" from May 10 to 11. The event kicked off with energetic dance performances by Longquan's dance club and NCUT's Echinacea Volunteer Club.

Sustainable Energy Competition: Our University Wins Gold in the Tertiary Short Film Category



3rd Conference on Pandemic Prevention Air Conditioning, Water Pollution Treatment, and Energy Saving Engineering



NCUT'S AI AND INTELLIGENT AUTOMATION DEPARTMENTS HOST ENTHUSIASTIC AND IMPRESSIVE HIGH SCHOOL PROGRAM INTERVIEWS



On May 17th, the Department of Artificial Intelligence Application Engineering (AI Department) and the Department of Intelligent Automation Engineering (IA Department) at National Chin-Yi University of Technology conducted the second phase of interviews for their specialized high school student programs. The event was lively and well-attended, with both students and parents actively participating, reflecting strong interest and anticipation.

In the first phase, the AI Department received 682 applications and the IA Department 431. After preliminary reviews, 226 and 333 students were shortlisted, respectively. Ultimately, 95 AI applicants and 157 IA applicants advanced to the second round, with 91 and 143 students actually attending the interviews – indicating a high attendance rate. The departments will each admit 37 and 39 outstanding students accordingly.

In addition to the interviews, a four-hour departmental introduction session was held, where department heads and faculty personally explained the program features and development directions.

Key discussions included "Indoor Mold Prevention Mechanisms and Environmental Control," "Environmental Medicine and Health Management," "Indoor Pandemic Prevention and Odor Removal Engineering," "Wastewater Treatment and Circular Economy," and "Low-Carbon Transformation and Energy Management," providing attendees with valuable insights.



2024 Energy and Refrigeration Air Conditioning Academic and Technical Conference





Our University Joins the Changhua County Net-Zero Industry Counseling Team



Seeds of Cooperation Bloom in Sustainable Community Development: Shigen District's Culinary Cooperative



To foster student creativity and awareness of local characteristics, our Department of Landscape Architecture collaborated with Taichung City's Nangu District's Jishan Neighborhood to organize an exhibition showcasing friendly environment planning and design for both old and new communities. Landscape



NCUT signed a memorandum of understanding with Czech Jihlava Institute of Technology to cultivate international talents



NCUT and Taiwan Energy and Environmental Development Association organize Arbor Day "Earth Restoration Action"



NCUT stimulates creativity and promotes local creation



NCUT and Taiwan Energy and Environmental Development Association organized Arbor Day Earth Restoration Action



NCUT overseas volunteer team went to Chiang Rai to help educate local children



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日期	資訊小圖	標題
2025-01-02		媒體報導-技職之光再放異彩！第20屆表揚34組傑出人才(本校機械系侯沅呈同學獲技職傑出獎)
2024-12-24		媒體報導-「第九屆綠色生活創意設計大賽」千名學子爭奪百萬獎金 冠軍出爐(本校電機系宋文財特聘教授擔任評審)
2024-12-23		媒體報導-綠色生活創意設計大賽冠軍揭曉千名學子爭奪百萬獎金(本校電機系宋文財特聘教授擔任評審)
2024-12-23		媒體報導-地方創生經濟學! 永靖拾味之旅 倡議學用實踐(本校管理學院、尤努斯社企中心與函漾莊園等社企協力推動)
2024-12-23		媒體報導-大銀深耕永續教育 培育智造綠金人才(本校受贈高精度工業機器人)
2024-12-23		媒體報導-大銀微系統培育智造綠金人才 捐贈高精度工業機器人給三學校(本校受贈高精度工業機器人)
2024-12-23		媒體報導-水保署輔導49間農村好店 台東「脫線牧場」成功轉型文青風(本校文創系顏加松老師參與計畫訪視)
2024-12-23		媒體報導-農村水保署輔導農村好店 融地方元素打造新亮點(本校文創系顏加松老師參與計畫訪視)
2024-12-19		媒體報導-僑委會「四年制產學合作學士班」熱烈招生中 歡迎印尼學子踴躍報名(本校一同參展)
2024-12-17		媒體報導-協助青年畢業即就業 中市勞工局職涯導航前進校園(中市勞工局與本校合作)
2024-12-17		媒體報導-中市勞工局職涯導航前進校園 協助1,500名青年畢業即就業(中市勞工局與本校合作)
2024-12-17		媒體報導-教育部傑出通識教育教師獎 勤益科大副教授施盈佑獲獎
2024-12-17		媒體報導-張大千、于右任等名家真跡在勤益科大現蹤 「藝術典藏展」至12 / 28把握欣賞良機
2024-12-17		媒體報導-勤益科大53週年校慶 展現國際視野與多元魅力
2024-12-17		媒體報導-台灣綠色大學聯盟成績亮眼 10校名列全球百大(本校名列世界百大綠色大學，與南華大學在廢棄物處理評比項目並列全球第一)