

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

[17.3.11] Please indicate if your university publishes progress against SDG11?

National Chin-Yi University of Technology (NCUT) actively promotes industrial sustainable development through collaborations with industry, research initiatives, and educational programs. These efforts align with the university's vision to become a vital hub for technical and vocational talent cultivation while addressing global sustainability challenges. NCUT leverages partnerships, green technology applications, and sustainability education to bridge the gap between academia and industry.

Sustainable Campus Planning at NCUT

I. Sustainable and Friendly Campus Improvement - Sidewalk:

In order to establish a sustainable and friendly campus environment, barrier-free ramps have been installed between buildings and sidewalks. Additionally, green zebra crossings have been implemented on the roads of NCUT to enhance visibility at intersections and ensure the safety of students when crossing. These measures are illustrated in the below Figure.



Barrier-free Ramp of Library



Barrier-free Ramp of Management Hall



Barrier-free Ramp of Engineering Hall



Barrier-free Ramp of
Innovation and Research
Building



Barrier-free Ramp of
Administration Building



Green Zebra Crossing

II. Sustainable and Friendly Campus Improvement - Sidewalk with Permeable Pavement:

In an effort to enhance the campus environment and promote rainwater infiltration, permeable pavement has been implemented for most sidewalks at NCUT. Presently, the area covered by permeable pavements, including sidewalks, is approximately 11,000m², constituting around 3.3% of the university's total land area, as depicted in the below Figure.



Permeable Pavement of Sidewalk

III. Ecological Campus:

The "Ming Hsiu Lake," situated within the confines of our new campus, serves as a comprehensive ecological flood-retention basin. Apart from its primary function of flood control during rainstorms, it offers a tranquil sanctuary for both faculty and students. Encompassing an area of approximately 5,000m², the lake boasts a 340m perimeter sidewalk and a 36m² hydrophilic platform at its center. Teeming within and bordering the lake are a plethora of aquatic plants such as water lilies, Taiwan

Nuphar pumilum, Typha angustifolia, and cattails, alongside an array of flowers and foliage including magnolia paniculata, Tulbaghia violacea, and Excoecaria sebifera, flourishing along the surrounding pathways. Additionally, the lake is home to a diverse range of aquatic life, including various fish species, turtles, teals (*Tachybaptus ruficollis*), white egrets, and other fauna, rendering it an exceptionally biodiverse ecosystem, as illustrated in the below Figure.



Ming Hsiu Lake

Artistic, Historical and Cultural Assets

I. Creative at NCUT:

Situated within the former ammunition depot of the new campus, "Creative at NCUT" is a hub dedicated to innovation, creativity, and entrepreneurship. Established on October 25, 2019, it hosts a variety of cultural and creative events including lectures, workshops, and exhibitions on a regular basis.

Over the past three years, a total of 10 activities have been organized, including:

1. "Gallop as a Wish" - New Year painting activity
2. Cross-domain PBL innovative teaching
3. Xu Bizi's Knot Art Exhibition
4. "Earthy Sentiment Painting" - Hong Haolun's solo exhibition showcasing the original colors of Taiwan's earth
5. "The Buzz" - a fusion of northern wind instruments and modern installation art
6. Campus landscape creation workshop
7. Printmaking art and landscape three-dimensional design
8. "The World of Frames" - a joint exhibition of oil paintings by Yang Yuru and Ni Zhongxin
9. "Chin-Yi elegance and talent " - part of the 50th-anniversary school celebration series of activities
10. "Bulls Running and Tigers Leaping" - New Year painting activities

These events are further illustrated in the following Figure.



The Buzz



Campus landscape creation workshop



Printmaking art and landscape three-dimensional design



The World of Frames

The activities held at the Creative at NCUT

II. Art Center

The Art Center was officially inaugurated on May 25, 2019, and in 2021, it was recognized as a member of the "Artspots" initiative by the Cultural Affairs Bureau of the Taichung City Government. Through regular art and cultural exhibitions, the center offers both university faculty and students, as well as residents from nearby communities, a captivating platform for the appreciation of diverse, professional, and awe-inspiring works of art.

Throughout the year, we organize four to six professional art joint exhibitions, and we welcome applications from artists for showcasing their work. Additionally, we facilitate the publication of local art workers' and group exhibitions' works, aiming to foster and develop local artistic and literary talents while fulfilling our university's social responsibilities. Since 2020 until June 30, 2023, the Art Center has hosted a total of 15 exhibitions, as depicted in the below Figure.



Different Approach but Equally Satisfactory outcome-Opening Ceremony of Trio Sculpture Exhibition



Opening Ceremony of Taiwan Oil Painting Trio Joint Exhibition



Opening Ceremony of the Three-person Exhibition of Open Branches and Scattered Leaves Sculptures and the Unveiling Ceremony of the Art Center and Artists' Friends Association



Art Center

III. Art and Heritage Expenditure:

NCUT acquired a parcel of land with an area of 20ha. from the Pinglin sub-camp from the Ministry of National Defense for the purpose of building its new campus. Six barracks left by the existing military are reserved, including an ammunition depot (already reconstructed to Creative at NCUT), headquarters, command post, water tower and other buildings, as depicted in the following Figure



Headquarters



Command Post



Ammunition Depot



Water Tower







Chin-Yi Academy

針對社區民眾需求開辦各類藝文、健康休閒、才藝等多元課程，提供學員學習成長機會；同時結合開放校園硬體設備及運動設施，開設社區教學課程，透過各項教育與訓練資源，為社區提供服務及提升社區民眾生活品質，成為社區最愛的好鄰居、深耕在地，拓展學習正向影響力。2023 年 1-7 月共辦理 11 門課程，並有 118 人次參與。如圖 93 所示。

NCUT offers a diverse range of courses in arts, health, leisure, talent development, and more, catering to the needs of the community and providing students with opportunities for learning and personal growth. These courses are designed to enhance the quality of life for community members.

Utilizing the university's open campus infrastructure and sports facilities, NCUT extends its offerings to include community teaching courses. Through various educational and training resources, the university aims to serve the community and contribute to the improvement of residents' quality of life. By doing so, NCUT aims to become a beloved neighbor within the community, deeply rooted in local initiatives, and fostering a positive impact through education.

From January to July 2023, a total of 11 courses were conducted, attracting 118 participants. For further details, refer to Figure 93.

		
iPARTY loves party aerobics	iPARTY loves party aerobics	Students' floral works
		
Students' floral works	Students' floral works	Students' floral works

Chin-Yi Academy Courses

Participation in Community Life, Education and Employment in Greater Taichung

I. Greater Taichung District 28-Office of Extension Education:

The Office of Extension Education at NCUT extends an invitation to students from the Senior Learning Center in Changhua, Nantou District, Taichung, as well as those enrolled in courses hosted by farmers' associations across various townships and municipalities, and students from Evergreen College in various townships and municipal offices. The aim is to collaborate in promoting community engagement with a focus on integrating and communicating regional characteristics. This initiative encourages interaction and exploration between universities and local communities, leveraging learning resources from universities, city governments, and districts.

Through this collaborative effort, NCUT seeks to expand its outreach and disseminate information to various districts in Taichung, Changhua, and Nantou. Refer to the following Table and Figure for further details.

The achievement of Greater Taichung District 28-Office of Extension Education

Year	Number of sessions	Number of participants
2021	5	181
2022	4	144
Jan-Jul, 2023	10	394



Painting at campus



Campus tour-Machine Tool Building
(1F Simulated Production Line)



Group photo with the Taichung District Farmers Association

Fostering a Friendly Community Environment

- A. **Open Campus:** NCUT actively promotes interaction and communication between the university and the local community by facilitating a sense of openness and accessibility. This is achieved through hosting a diverse range of community activities, open campus events, and activities that encourage sharing between university and community



residents. By creating opportunities for engagement, NCUT seeks to bridge the gap between the campus and the broader community, fostering mutual understanding and cooperation.

- B. **Open Sports Facilities (Sports Halls):** NCUT extends its commitment to the community by opening up its outdoor sports facilities for the benefit of nearby residents. These facilities include the track-and-field ground, basketball court, volleyball court, tennis court, handball court, and Jianxin Square. Community members are welcome to use these facilities free of charge during designated hours outside of class schedules. In addition, the completion and utilization of the Luming Stand in 2022 further enhances the experience for spectators, with access to amenities such as water dispensers and public toilets. These initiatives aim to encourage community residents to engage in physical activity and prioritize their physical well-being.
- C. **Library:** NCUT recognizes the importance of knowledge sharing and extends library services to members of the public. Residents outside the university are provided with the option to exchange temporary reading cards at the library counter by presenting valid identity cards. Furthermore, individuals may apply for library cards at the library counter, enabling them to borrow books and materials from the NCUT library. It's worth noting that certain services may be temporarily suspended in response to extraordinary circumstances, such as the COVID-19 pandemic, to ensure the safety and well-being of all users.
- D. **Large International Conference Hall:** NCUT's large international conference hall is made available for rent to individuals, groups, or manufacturers outside the university. This versatile space can be used to host a wide range of activities, including academic presentations and speeches. The charging standards for using this facility are determined with reference to the "Guidelines for Use and Management of Places Administered by the Office of General Affairs" at NCUT. This initiative not only provides a valuable resource for external organizations but also fosters collaboration and knowledge exchange between the university and the broader community.

NCUT's commitment to an open and inclusive community environment underscores its dedication to enriching the lives of residents in the surrounding areas. By extending access to campus resources, sports facilities, library services, and conference facilities, the university contributes positively to the overall well-being and development of the local community.



Library



Open Campus



Open Sports Facilities