



國立勤益科技大學
NCUT
NATIONAL CHIN-YI UNIVERSITY OF TECHNOLOGY

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[SDGs 17] Partnership for the Goals

[17.4.2] Does your university as a body have dedicated courses (full degrees, or electives) that address sustainability and the SDGs?

National Chin-Yi University of Technology (NCUT) actively promotes sustainability and integrates the **United Nations Sustainable Development Goals (SDGs)** into its academic offerings. The university offers dedicated courses and electives that address key aspects of sustainable development. Through these programs, NCUT ensures that students gain the knowledge, skills, and mindset required to tackle global environmental, economic, and social challenges.

NCUT has taken "practical and innovative-oriented high-quality industrial technology university" as our development direction for all the time. Since the establishment of the school, we have taken sustainable development as the goal, and have continuously promoted and improved ourselves. It has become a model for the sustainable development of higher education. With the joint efforts of all faculty, staff and students, as well as the support of external partners, we have gradually shown our brilliance on the international stage of higher education.

NCUT's University Social Responsibility Practice (USR) and Integration with the United Nations Sustainable Development Goals (SDGs)

NCUT is deeply committed to integrating University Social Responsibility (USR) practices with the United Nations Sustainable Development Goals (SDGs) and addressing various social and environmental issues through strategic research and operational mechanisms. Here's an overview of how NCUT aligns its initiatives with these global and local priorities:

1. University Social Responsibility (USR) Practice

NCUT actively engages in USR initiatives aimed at addressing societal needs and contributing to community development. Key areas of focus include:

- **Local Community Engagement:** Partnering with local organizations and industries to address specific community issues, such as economic development, social inclusion, and environmental sustainability.
- **Educational Outreach:** Implementing programs that extend educational opportunities and resources to disadvantaged groups, ensuring equitable access to education and lifelong learning.

2. Integration with United Nations Sustainable Development Goals (SDGs)



NCUT aligns its strategic goals and initiatives with the 17 SDGs to promote sustainable development across various dimensions.

NCUT's Integration of Resources for University Social Responsibility (USR)

NCUT leverages both internal and external resources to guide teachers and students in forming teams that act as think tanks for local and regional development. This strategy focuses on identifying local needs and development issues, driving innovation in small and medium-sized enterprises (SMEs), and fostering community culture. The ultimate goal is to promote regional prosperity, sustainable social progress, and alignment with the Sustainable Development Goals (SDGs). Here's a detailed overview of NCUT's initiatives:

1. Establishing the USR Promotion Office

In 2022, NCUT established the USR Promotion Office to serve as a central hub for coordinating USR activities. This office plays a crucial role in:

- **Connecting USR Units:** Integrating various USR-related units and teams within and outside the school to ensure cohesive efforts and resource sharing.
- **Resource Integration:** Linking and utilizing resources from different sectors to support USR initiatives effectively.
- **Promotion and Communication:** Raising awareness about USR concepts and achievements among faculty, staff, students, and the broader community.
- **Motivation and Participation:** Encouraging active involvement from the entire NCUT community in social responsibility efforts.

2. Promoting Local Creation

NCUT is committed to fostering local innovation and cultural development through:

- **Community Engagement:** Collaborating with local communities to identify unique cultural and developmental opportunities.
- **Support for SMEs:** Providing expertise and support to small and medium-sized enterprises to help them innovate and grow, thus contributing to local economic development.
- **Cultural Projects:** Initiating and supporting projects that preserve and promote local culture and heritage, enhancing community identity and cohesion.

3. Addressing Local Disadvantaged Industrial Talent and Technology Problems

NCUT focuses on solving challenges faced by local industries, particularly those related to talent and technology:

- **Talent Development:** Creating programs to train and upskill local talent, addressing the specific needs of regional industries.



- Technology Transfer: Facilitating the transfer of advanced technologies and practices from the university to local businesses, enhancing their competitiveness.
- Problem-Solving Teams: Forming interdisciplinary teams that work directly with local industries to identify and solve pressing problems, leveraging the university's expertise.

4. Aligning with SDGs Sustainable Development Goals

NCUT aligns its initiatives with the SDGs to ensure comprehensive and sustainable development:

- SDG 4 (Quality Education): Providing inclusive education and lifelong learning opportunities.
- SDG 7 (Affordable and Clean Energy): Promoting the use of clean energy and energy-efficient practices.
- SDG 8 (Decent Work and Economic Growth): Supporting local economic development through innovation and SME growth.
- SDG 11 (Sustainable Cities and Communities): Enhancing the sustainability of local communities through cultural and technological initiatives.
- SDG 13 (Climate Action): Implementing measures to reduce carbon footprints and promote environmental sustainability.
- SDG 17 (Partnerships for the Goals): Building strong partnerships with local, national, and international stakeholders to achieve common goals.

5. Implementation and Evaluation

NCUT ensures effective implementation and continuous improvement of its USR initiatives through:

- Strategic Planning: Developing clear, actionable plans for each USR project, with defined goals and milestones.
- Monitoring and Evaluation: Regularly assessing the progress and impact of USR projects using robust evaluation frameworks.
- Feedback Mechanisms: Collecting and analyzing feedback from all stakeholders to refine and enhance USR initiatives.
- Reporting: Transparently reporting on USR activities and outcomes to demonstrate accountability and share best practices.

By integrating resources and fostering collaboration, NCUT's USR initiatives address local needs, drive regional innovation, and contribute to sustainable development. The establishment of the USR Promotion Office marks a significant step in coordinating and enhancing these efforts, ensuring that NCUT continues to be a leader in social responsibility and community engagement.



Continue to implement the Higher Education Sprout Project

NCUT's Key Development Plan (MIG 2): Comprehensive Enhancement of Students' Competitiveness

Building on the foundation of the first phase of MIG's characteristic goldsmith high-level talent program, NCUT has expanded and developed the second phase, the "Key Development (MIG) 2 Comprehensive Enhancement of Students' Competitiveness" plan. This plan is dedicated to cultivating students to become the essential cadre talents required by enterprises. The plan's quality is ensured through feedback from management examinations and modifications based on this feedback. The key implementation projects are as follows:

1. Teaching Innovation and Improvement:

- Enhance Professional Practice: Continuously improve students' abilities in professional practice and cross-domain independent learning.
- Strengthen Teaching Energy: Boost teachers' teaching capabilities and promote innovative teaching models.
- High-Quality Environment: Create a high-quality teaching and learning environment that fosters the development of teachers and students with international mobility capabilities.

2. Fulfill Social Responsibilities:

- **Local Support:** Organize a USR (University Social Responsibility) team to address local issues and promote local revitalization.
- **Increase Production and Reduce Labor:** Help local areas increase production and reduce labor investment.
- **Promote Local Strategies:** Focus on solving local problems, enhancing industrial competitiveness, and implementing sustainable local value.

3. Industry-University Cooperation Links:

- Talent and Employment Link: Align talent cultivation with employment opportunities to ensure seamless integration into the workforce.
- Industrial Technology R&D Link: Connect industrial technology research and development with practical applications to drive technological breakthroughs.
- Innovation and Entrepreneurship Link: Foster innovation and entrepreneurship, adding new business value through creative practices.
- School Characteristics (MIG 2) Industrial Link: Utilize school-specific (MIG 2) industrial links to develop new advantages in characteristic technologies.

4. Development of Public Value:

- Diversified Funding: Integrate resources to provide diversified funding, ensuring learning opportunities and resources for economically disadvantaged students.
- Lifelong Learning: Invite the public to engage in lifelong learning programs.
- Transparency: Make school information public and adjust the teacher structure to recruit talents in higher education.
- School Affairs Research: Promote research in school affairs to enhance the institution's operation and development.

5. Promote School Affairs Research:

- Unified System: Develop a unified school affairs information system.
- Effectiveness Strategies: Formulate and implement six major strategies to improve the effectiveness of the school affairs management system, demonstrating the success and efficiency of school operations.

6. Improve Students' Competitiveness:

- Technical and Vocational Training: Provide solid technical and vocational education and training across various sub-sectors to comprehensively enhance students' competitiveness.
- Measurement Indicators: Set measurement indicators to evaluate the growth rate of students' competitiveness improvement, aiming to create high-quality industrial technical talents.