

University : National Chin-Yi University of Technology
Country : Taiwan
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[SDGs 1] No Poverty

[1.3.2] Does your university as a body have graduation/completion targets for students who fall into the bottom 20% of household income group (or a more tightly defined target) in the country? (domestic)

Equity and Sustainability in Higher Education

NCUT has positioned itself as a leading technical university committed to academic excellence, social equity, and sustainability. A key component of this mission is ensuring that students from low-income households (bottom 20% or more tightly defined disadvantaged groups) are not only admitted, but also supported to successfully complete their studies.

In Taiwan, financial barriers often limit access to higher education for rural, indigenous, and economically disadvantaged students. NCUT addresses this challenge by embedding graduation targets, financial aid, and flexible learning systems into its long-term development plan. These initiatives are aligned with both national policy (MOE Higher Education Sprout Project) and global frameworks such as the UN Sustainable Development Goals (SDG 4, SDG 10, SDG 8).

1. Completion Targets

- **Graduation Rate Goal:**

At least **80% of disadvantaged students** are expected to graduate within the standard study period.

NCUT also provides **flexible completion options** (up to **10 years for bachelor's programs**) to accommodate working students or those facing family or financial difficulties.

- **Retention Monitoring:**

The retention and completion rates of disadvantaged students are tracked annually as a **Key Performance Indicator (KPI)** under the MOE Sprout Project.

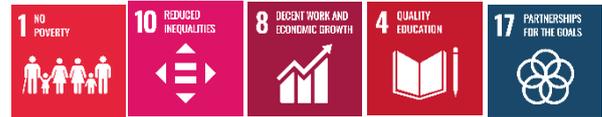
Dropout analyses identify the causes of withdrawal (financial hardship, academic struggle, or health issues) to guide targeted interventions.

2. Financial Assistance Framework

To reduce economic barriers, NCUT operates a **multi-layered financial support system**, including:

- **Safe Schooling Subsidies (生活補助要點):**

Covers registration, transportation, and accommodation costs during entrance exams for low-income and rural students.



- **Living Subsidies and Scholarships:**

Tuition fee waivers, living stipends, and emergency grants are available to low-income and middle-low-income groups.

- **Work-Study Opportunities:**

Paid on-campus jobs allow students to earn income while gaining practical skills.

- **External Fundraising:**

Since 2018, NCUT has raised **NT\$28 million** from corporate partners to support financially disadvantaged students, supplemented by **matching MOE funds**.

3. Academic and Non-Academic Support

To ensure both academic achievement and psychological well-being, NCUT provides:

- **Tutoring & Mentorship Programs:**

Faculty members and senior students offer academic guidance, especially in STEM fields. The 2023 Tutoring Plan for Disadvantaged Students includes online tutoring, study-work integration, and entrepreneurial mentorship.

- **Career Counseling & Industry Internships:**

Collaboration with precision machinery and green energy industries ensures employability after graduation.

- **Wellness and Mental Health Services:**

On-campus counseling supports students dealing with stress or socio-economic pressures.

4. Flexible Learning and Degree Completion Systems

NCUT adopts an adaptive academic framework for students balancing work, study, and family responsibilities:

- **Flexible Four-Year Bachelor's Programs:**

Students can extend studies up to 10 years without penalty.

- **Credit Accumulation and Transfer System:**

Enables gradual credit completion across programs or institutions.

- **Customized Study Plans:**

Advisors assist students in mapping individualized pathways toward degree completion.

5. Gender and Diversity Inclusion

- **Women in STEM Incentives:**

Scholarships and preferential admission for female students in engineering and technical disciplines.

- **Indigenous and Rural Student Support:**

Cultural and financial support systems ensure inclusion across Taiwan's diverse communities.

6. Monitoring and Evaluation

- **Annual Tracking:**

Enrollment, retention, and completion data for disadvantaged groups are reported annually to the MOE.

- **Benchmarks:**

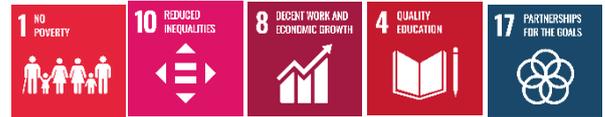
Internal goal $\geq 80\%$ completion rate; external compliance aligned with national averages.

- **Continuous Improvement:**

Regular reviews guide financial aid adjustments and academic support program reforms.

Implementation Overview (2024)

Project Name	Planned No. of Beneficiaries	Subsidy per Person	Total Approved Subsidy by Ministry of Education (NTD)	Financial Source (C1–C3)	2024 Actual No. of Beneficiaries	2024 Actual Expenditure (NTD)	Execution Rate (%)
Tuition and Miscellaneous Fee Subsidy for Low-Income Students	900 persons	NTD 7,500 × 9 months	6,750,000	C1 + C2 + C3	1,117 persons	8,377,500	124.11 %
Mingxin College Self-Learning Program	20 persons	NTD 2,000 × 18 months	40,000	C1 + C3	10 persons	20,000	50.00 %
Innovation and Entrepreneurship Practice Competition Award Program	450 persons	NTD 3,000 × 3 hours × 8 months	1,350,000	C1 + C3	132 persons	396,000	29.33 %
Mentorship and Career Guidance Subsidy Program	26 persons	NTD 10,000 each	260,000	C1 + C3	14 persons	140,000	53.85 %
Academic and Research Excellence Activity Program	28 persons	NTD 2,000 each	55,768	C1 + C3	12 persons	16,530	29.64 %
Special Scholarship Program	5 persons	NTD 2,000 each	10,000	C1 + C3	—	—	0 %
Life and Education Subsidy for Economically Disadvantaged	140 persons	NTD 9,000 each	1,260,000	C1 + C3	118 persons	1,062,000	84.29 %



Students							
Transparent and Fair Learning Assistance Program	24 persons	NTD 8,000 × 8 hours × 6 months	1,800,000	C2 + C3	31 persons	1,800,000	100 %
Learning and Career Mentorship Program	70 persons	NTD 20,000 each	280,000	C2 + C3	75 persons	280,000	100 %
Total	2,762 persons	—	11,805,768 NTD	—	2,697 persons	11,914,530 NTD	100.92 %

Notes (translated exactly):

1. This subsidy is primarily for economically disadvantaged students and is implemented according to the project subsidy guidelines. The total expenditure as of **December 31, 2024**, was **NTD 11,914,530**.
2. As of **November 11, 2024**, the total balance in the EC fund account was **NTD 108,762**.
3. The EC fund continues to manage these subsidies for disadvantaged students.

Impact and SDG Alignment

SDG	Contribution
SDG 1 – No Poverty	Reduces financial barriers to higher education through subsidies and scholarships.
SDG 4 – Quality Education	Ensures equitable access and high completion rates among disadvantaged students.
SDG 8 – Decent Work & Economic Growth	Links education with career readiness, fostering long-term employability.
SDG 10 – Reduced Inequalities	Narrows educational and income gaps by improving graduation outcomes.

7. Outcomes and Future Roadmap

Achievements (2018–2024):

- 19,757 students financially supported
- 14,257 students received living and tuition subsidies
- ≥80% completion rate maintained
- Noticeable decline in dropout rates

Future Directions:

- Expand corporate sponsorships and MOE partnerships

- Introduce **AI-based student success tracking systems**
- Increase support for female and rural students in technical fields
- Strengthen data-driven longitudinal tracking of graduate employment outcomes

Yes — **NCUT has formal, measurable graduation and completion targets** for students from the **bottom 20% income group** and other disadvantaged backgrounds.

Through a **holistic model of financial aid, flexible learning, tutoring, counseling, and data monitoring**, NCUT ensures that equity in access translates into equity in achievement, making it a leading example of sustainable and inclusive higher education in Taiwan.

NCUT Students Win 2025 Hermetic Semiconductor “Innovative Chip Future Scholarship” for Outstanding Research Achievements



NCUT students Li, Zhirou from the Department of Materials Engineering and Chang, Ting-Jui from the Department of Information Engineering** have received the 2025 Hermetic Semiconductor Innovative Chip Future Scholarship, recognizing their excellence in academic research and professional performance. The scholarship, established by Hermetic Semiconductor Co., Ltd., is awarded exclusively to outstanding students from five leading universities of technology across Taiwan, showcasing NCUT’ s strong capabilities in semiconductor and materials science education.

The “Innovative Chip Future Scholarship” aims to cultivate talent in semiconductor and materials science. This year, Hermetic Semiconductor invested NT\$1.5 million to support students from National Taiwan University of Science and Technology, Ming Chi University of Technology, National Yunlin University of Science and Technology, National Chin-Yi University of Technology, and Minghsin University of Science and Technology. Each awardee receives a NT\$60,000 scholarship, along with access to company visits, internship and employment priority, and participation in technical forums — providing valuable opportunities to gain practical experience and broaden global perspectives.

MENTORSHIP FOR THE FUTURE: NCUT LAUNCHES THE 2025 "MEET YOUR MENTOR" PROGRAM



In line with the Ministry of Education's Higher Education Sprout Project and its subprogram aimed at supporting disadvantaged students—"Hope for Admission, Assistance in School, Empowerment for Employment"—NCUT has launched the 2025 "Meet Your Mentor" Program.

This initiative invites philanthropic entrepreneurs to serve as career mentors, guiding economically disadvantaged students in developing their professional skills and enhancing their post-graduation competitiveness.

Each of the seven selected students will complete 40 hours of one-on-one mentorship from June to October, with 8 hours per month and regular progress reports. A final presentation and report will be submitted in October, and upon approval by their mentors, students will receive a scholarship.

Through this valuable program, students gain real-world insights, build confidence, and receive career guidance directly from experienced industry leaders.

NCUT expresses sincere gratitude to the participating mentors for their time, encouragement, and continued support in helping students turn challenges into opportunities and dreams into reality.

Power Grid Talent Development Alliance Scholarship - Our Students Win Awards



ITRI, in collaboration with Taipower and the Energy Engineering Association, held the "Power Grid Talent Scholarship Award Ceremony" along with a career talk. ITRI President Liu Wenxiong emphasized the importance of balancing power supply and demand, sharing a case study on how California tackled a power outage crisis with collective community effort. Our student from the Department of Electrical Engineering, Shi Dongting, won the "Outstanding Project Achievement Award" with his study titled "Fault Diagnosis for Wind Turbine Gearbox Using Convolutional KNN Algorithm." He expressed his future career interest in the power and energy sector, hoping to apply his knowledge for societal benefit.

CONGRATULATIONS!