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Lita and Coenriching Society

6.1 Community Care

4 QUALITY EDUCATION

11 SUSTAINABLE CITIES AND COMMUNITIES

Regarding community and community care, the Advantech Foundation is divided into two major parts: 1) arts and culture and 2) sustainable education. With the Lita spirit we invite employees and their family to actively participate in coenriching the community. All community care projects handled by Advantech Foundation are submitted to the foundation's Board of Directors, which holds meetings biannually. Board members provide opinions and feedback to assess the actual performance and to flexibly adjust the implementation of strategies.

ACT Dreamer

In 2020, the Advantech Foundation learned that each year, Chingshin Academy holds the "In Search of Chingshin through Five Dreams." Seeing that the original intention of the activity was full of educational meaning and that it triggered educational innovation, we decided to invest resources to replicate and expand this activity, naming it "ACT Dreamer."

ACT Dreamer takes its name from action, creativity, and teamwork. The theme of the activity is to encourage students to experience and observe social problems in their life or around them with heart, to propose creative action plans, and to concretely implement them. The process involves writing and presenting a review. The process proposal process teaches students about teamwork and growth.

In 2020, a team from Chingshin Academy served as counselors to share their experiences, and Pu Tai Elementary and Junior High School was invited to participate in the trial implementation. The next presentation is estimated to be held in April 2021. As of January 2021, the projects selected by each school for implementation have included animal conservation, healthy diet, food waste, eliminating poverty through education, reduction of plastic use, waste in the ocean, stray animals, and ethical eating. They demonstrate junior high school and elementary school students' concerns for social topics. Through this activity, they turn their concerns into actual action plans, even conducting small-scale experiments and initiatives.

In 2021, we expect to expand the scale of this initiative and invite at least 8 schools to participate. We hope to sow the seeds of innovative action and provide students with an opportunity to demonstrate care about society and cultivate problem-solving abilities.

ACT Active and Creative Teaching Story Drama Volunteer Group

This group was founded with long-term support from the Advantech Foundation. Its public welfare activities range from preschool to older-adult learning. A group of school volunteers use illustrated story books to encourage students to read and improve their reading ability. In addition, the group promotes the concept of life-long learning. With the spirit of live and learn, we promote co-learning between the old and the young in the community to help create a wonderful life.

In 2020, the volunteer group served 9 schools, 57 classes, and one community, and it trained 60 volunteers. The volunteers served over 414 people, benefiting people 3159 times.

Projects	Participated Organizations
Volunteer cultivation Story volunteer elementary level workshop Older-adult lifelong learning workshop activity (two batches)	Elementary school division of Chingshin Academy Sanduo Elementary School in New Taipei City Huachiang Community in Taipei City
Volunteer growth Local tour activities to increase volunteer capacities and consensus Volunteer group professional growth courses Volunteer webpage and website construction practice	Shuanglian Elementary School in Taipei City
Activities Diverse reading: offshore island (Kinmen) parent–children reading activity Diverse reading: Wisdom Kids parent–children co-learning and experience camp (Neihu)	Jinning Elementary and Junior High School in Kinmen County Sanmin Junior High School in Taipei City
Campus tour Storytelling in classes. Viewing a small drama theater.	Xizhou Elementary School in New Taipei City Wanfu Elementary School in New Taipei City Ruiting Elementary School in Keelung City Yuying Elementary School in Changhua County Huatan Elementary Schol in Changhua County
After-school special project on campus Little Sun after-school club	Shuanglian Elementary School in Taipei City

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Sustainable Education Platform

The Advantech Foundation focuses on developing children and adolescents' education. To focus our resources, in 2020, we consolidated the sponsored items and integrated the Lita Tree Public Welfare Platform and other social public welfare special projects. The Sustainable Education Platform was used as the center for conducting public welfare cooperation. In 2020, we sponsored 23 teams with over NT$10 million. To utilize the foundation's resources more efficiently, in 2020, we amended our previous sponsorship strategy. We canceled the model of publicly calling for submissions through the Lita Tree Public Welfare Platform. Instead, we sent foundation members to enter the management network of the education field and actively discover suitable teams to cooperate with. We then invited them to submit their proposals, which were evaluated by a professional team. We sponsored the selected teams for 3 years so that they could implement their proposal without worry. This project will be on trial in 2021, and its implementation results will determine future implementation projects.

Cooperated with **23** teams

Sponsored **over** **NT$10 million**

Team	Proposal
Azure Ocean Alliance	"Fight for an Azure Ocean"
The Carpenter Association	"Project to Improve the Corporate Power of the Public Welfare Second Hand Shops of the Carpenter Association"
Impact Hub	"Action for Sustainable Taiwan—Songshan Airport SDGs Hall"
Adolescents' Performing Arts Alliance	"The Kite Project"
The Play School	The Play School Co-learning Camp in 319 Township"
Agoood	"Agoood City Light Project"
Fruit and Dining in Happiness	"Kavalan Driftwood Art School"
Chiu Yeh Mang Cultural and Creativity Association	"Remote Area Theater Education Tour"
Dragon Millennium Youth Foundation	"Embracing Light—Lost Youth Career Development Project"
If Kids Theater Group	"Up the Mountains Down the Sea to Tell Stories: Bringing Arts to Children"
Skindschool	"Parent–child interactive art therapy concert"
DFC	"DFC Seeds Teacher Running Water Project in Taiwan"
Chung Yuan Christian University Love Your Neighbor Club	Flip Poverty. Lead Children to Find Dreams!
Kainan University Love Your Neighbor Club	Evening Study Companion to Cultivate Leaders
Penghu Place-Making Development Association	Penghu Ocean-Floating Cultural and Creativity Happy Salmons Leaping over the Dragon Gate and Returning Home Project
Wonderful Hakka Dancing Folklore Troupe	Experience the wonderful Hakka culture
Stella Maris Ursuline High School Basketball Team in Hualian County	Stella Maris Ursuline High School Basketball Team
Tainan City Drum Music Association	2020 Drum Music Public Welfare Charity Performance with Schools
New Taipei City Education Development Association for Multiple Intelligences in Older Adults, Infants, and Children	"Grandpa Grandma I love You" Co-learning Happy Camp for Older Adults and Children
From Follower to Fellow	"Equipping Indigenous Children and Adolescents in Remote Areas with Wings" Education Plan
Chiu Yeh Mang Cultural and Creativity Association	Chiu Yeh Mang Remote Area Theater Tour—2020 Summer Tour
Dragon Millennium Youth Foundation	Learn with Love—Children's Summer Science Camp
Junyi Academy	Technology Integration into Learning Support Promotion Plan
Education Support for Taiwan	Assistive Plans for Schools with Insufficient Resources
PagamO	Literacy and Conduct Academy: Cultivating Reading Literacy

Scholarships and Grants for Remote Areas in Hsinchu and Miaoli

To care for disadvantaged children in remote areas, the Advantech Foundation has officially organized the "Scholarship and Grants for Remote Areas in Hsinchu and Miaoli" special project for 2021. The foundation cooperates with schools in remote, mountainous areas and in disadvantaged areas in Hsinchu and Miaoli. Guidelines have been established for scholarships and grants, and the schools put together selection committees to choose outstanding and diligent students to receive this aid, which is put toward student tuition and fees as well as after-class coaching. We hope that these scholarships and grants will help students to study hard and create a cycle of giving back to the community, carrying forward the power of love.In addition to offering scholarship and grants, the foundation has also been proactive in introducing various educational resources. Through the biennial results presentation, outstanding educational teams are invited to share with the schools in remote Hsinchu and Miaoli area about new trends. For example, in 2020, we invited the Play School and PagamO Literacy and Conduct Academy to offer short talks, hoping to provide new inspiration to remote schools.

In 2020, a total of **1,596** people from **37** schools benefitted. From 2012 to present, a total of **8,848** students have benefitted.

In 2020, the total donation amount was NT$3 million.

Inheriting and Expanding

Advantech firmly believes that innovation must be based on tradition, and the inheritance and expansion of traditional arts and culture is our mission. For many years, the Advantech Foundation has been sponsoring National Taiwan College of Performance Arts. It also cooperated with the Guo Guang Opera Company and launched the Successor of Taiwan Peking Opera—Youth Talent Cultivation Project. In 2020, we sponsored over NT$2.05 million on traditional culture and art, cultivating young talents to become superstars on the stage of traditional arts in the future.

⩗ Arts and Culture Salon and other arts and culture events

To encourage employees to appreciate performance arts and to provide substantial support to arts and culture groups, starting from 2011, the Advantech Foundation has organized Arts and Culture Salon special projects. For this, arts and culture groups are invited to submit their proposals for funding, and these are awarded based on a voting system. Stakeholders are invited to watch their performances. In 2020, over NT$3.6 million was spent on sponsorships, with nearly 50 performances held and over 1,900 employees and partners attending.

*Note: Due to COVID-19, some performances were canceled or postponed to 2021.

Sponsored over NT$3.6 million
Conducted nearly 50 performances

Over **1,900** employees and partners participated

⩗ Public Service Art Gallery

The Advantech Public Service Art Gallery is located in public spaces in our Headquarters and Sunny Building in Neihu, where various artists are invited to hold exhibitions. Exhibits are rotated every 2 months, with at least six artists with different styles having their works on show each year. This provides a stage for artists to demonstrate their craft. This gives the community, Advantech guests, corporate partners, and employees an opportunity to enjoy their art during working hours.

⋀⋀ Awards

In late 2020, The Fighter TV series, which is sponsored by the Advantech Foundation and produced by Chaojih International Cultural Corpvoration, received eight awards from five countries, including the United States, Italy, and India.

1. Italy: Oniros Film Awards—Best Documentary Feature
2. Slovakia: Kosice International Monthly Film Festival—Best Editing Award
3. India: Kolkata International Film Festival—Best Documentary
4. India: Tagore International Film Festival—Best Producer Award
5. India: Tagore International Film Festival—Best Documentary Award
6. Singapore: World Film Carnival Jury Prize—Best Producer Award
7. Singapore: World Film Carnival—Best Documentary Award
8. United States: New York International Film Awards: Best Soundtrack "Moment of Glory"

From left to right: Tai Chou, producer of The Fighter; KC Liu, CEO of Advantech; Zong Chiang, awardee of Best Music for The Fighter

⋀⋀ Advantech US A4C special project

In the second half of 2020, Advantech responded to the US's 2025 ESGs vision, and its US branch launched the "Advantecher for the Community" project. A total of US$100,000 was budgeted, and employees in US branches were invited to submit proposals to support their communities. Those that passed review received US$10,000. Employees were also encouraged to donate to their projects or to serve as volunteers. As of the end of 2020, two cases have been sponsored. One is a volunteer project supporting a children's hospital of Orange County. The other one is proposed by an employee of Taiwanese nationality to support the "Fight for an Azure Ocean" project of the Azure Ocean Alliance in Taiwan. The project also received zealous responses from US employees. Both proposals received over US$10,000.

In the future, we will continue to encourage branch offices to demonstrate care in their local communities. We will collect ESG special projects launched by each branch office for internal sharing, hoping to encourage more branch offices to participate in caring for their communities.

6.2 WISE-PaaS IoT Education

As an internationally leading corporation in industrial computers and IoT technology, Advantech considers the cultivation of IoT talent a critical development point in maintaining corporate competitiveness and sustainability. It is therefore our vision to popularize and deepen IoT education in the wider community. We proactively promote various special projects in industry–academia cooperation, hoping to leverage our core technology in industrial IoT (IIoT) to lead our employees, supply chain partners, and academic units to co-create Industry 4.0 solution plans. Our mission is to create new value in achieving sustainability for society, the environment, and the Earth. It is our hope that we can leverage our core abilities to realize our corporate social responsibilities and to develop a sustainable corporation. We have set a goal for 2025 to support AIoT education in 50 universities worldwide. As a part of this, we launched the WISE-PaaS@Education industry–academia cooperation project. By providing our IIoT technology and resources, we support universities around the world with cultivating innovative talents, thereby reducing the gap between learning and application. Through this cooperation, we are also able to explore the innovative capacities of emerging talent, further enabling us to help the IoT industry thrive.

The WISE-PaaS@Education project is planned by the Corporate Sustainability Development Office and implemented by each regional office. Two main axes of the AIoT Developer InnoWorks and Elite100 Internship projects (see below) are utilized to plant the seeds of industry–academia cooperation. Through long-term cooperation with the National Chiao Tung University IoT and Intelligent Systems Research Center, we are also able to focus on key industry topics, driving the overall industry transformation in Taiwan.

In 2020, we exceeded our goal of supporting 10 universities, having cooperated with a total of 14 schools in Taiwan, China, South Korea, and Malaysia. For this cooperation, approximately NT$19,759,634 was invested in a total of 28 special projects. We also had 17 students participate in summer internships, yielding five major research proposals.

AIoT Developer InnoWorks	Elite100 Internship	National Chiao Tung University IoT and Intelligent Systems Research Center
This project offers free industry-level IoT platforms and online training resources to encourage students to sharpen their programming skills to help make the world cleaner, safer, more environmentally friendly, and more convenient.	This project based internship program incorporates the design thinking methodology from the Hasso Plattner Institute of Design at Stanford University. Students are given access to resources such as Advantech's product managers, marketing team, Advantech executives, and external mentors so they can experience the entire innovation design process.	This center is a long-term industry–academia cooperation platform. It integrates the core capacities of both industry and academia, effectively leading Taiwan's industry transformation. It adopts a model based on industry presenting problems and academia providing the solutions, thus connecting academia and industry experts so they can solve key topics and cultivate innovative talent.

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Advantech assesses the effectiveness of the overall industry–academia cooperation platform based on the number of schools that participate, the number of teams that sign up for InnoWorks, and the number of research projects each year. We also collect feedback from teachers, students, and our employees to help guide us in optimizing and promoting IoT education in the future.

Overview of the 2020 AIoT Developer InnoWorks project results

Region	Participated schools	No. of participants	Special project topic
Taiwan	National Taiwan University of Science and Technology National Chiayi University National Chiao Tung University National Pingtung University of Science and Technology	85	Public health Solar power management Wind power management UAV positioning Smart agriculture
China	Yanshan University Jiangsu University of Science and Technology Henan University of Technology Nanjing University of Science And Technology Xi'an University of Science and Technology	52	Industrial automation Public health Logistics management Smart agriculture
South Korea	Myongji University Sungkyunkwan University Hanyang University Yonsei University	35	Smart factories Public health
Malaysia	Tunku Abdul Rahman University College	10	Smart agriculture Smart campuses

▲▲ Example of success cases

Experience sharing from the 2020 InnoWorks Malaysia winning team

Team members: NG Kheng Hui, CHOO Yun Bei, and YONG Yu Hong
Field and topic: Smart agriculture—Agriculture and Environmental Monitoring
Problem: Food shortage crisis due to population growth
Solution plan: Using IoT systems to remotely monitor the growth rate of plants and environmental parameters on farms in real time, thereby improving crop quality and yield. Data can be used to drive agricultural management.
A message from the team:
"This project gave us a chance to come in touch with real industry, and we learned more about how the real world operates." –Yong Hui
"Advantech provided a platform that we had never used before. This was a great opportunity. We were able to experience in person the technology professionals in the industry are currently using." –Yun Bei

2020 Elite100 Internship – Sharing from the Smart Medicine Team

We conducted field surveys in various hospitals and investigated typical scenarios for different medical fields, including dermatology, home care, long-term care, and institutional care. We were able to optimize a service procedure used in telemedicine and we also innovated the software interface they used. Smart IoT has broadened our vision, making us feel like pioneers in a new world.

Interns: Jim, Sebastian, Holly, News, Wilson, and Leon