

WALAILAK UNIVERSITY



SDG

REPORT 2023-2024



SUSTAINABLE DEVELOPMENT GOALS



WALAILAK UNIVERSITY
SDGs MOVE



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- Financial Support for Low-income Thai and International Students
- Local Start-up Assistance towards Sustainable Business
- The 2023 Krabi Model Project: Free Supporting Local Business
- Training Workshops in Fostering Financially and Socially Sustainable Pig Farming Start-Ups





Financial Support for Low-income Thai and International Students



Each year, Walailak University (WU) admits Thai and international students who fall into the bottom 20% of the household income group and who are from lower-middle-income countries to promote diversity, foster social mobility, and contribute to social justice. These students need support and services from the university to enable them to complete their studies. One of the critical problems facing students is the lack of money to pay for their tuition fees.

In 2023, Walailak University provided scholarships to Thai and international students worth up to 83,582,370 Baht. The number of Thai students receiving the scholarships was 1,686 while the number of international students was 159, mostly from Cambodia, Vietnam, China, and Europe, increasing by 28.11% compared to last year.

The scholarships for Thai students included:

- ❑ The 21st Century Graduate Development Scholarship
- ❑ Educational Potential Development towards Excellence Scholarships
- ❑ Development and Promotion Scholarships for Science and Technology Talents
- ❑ Sports Excellence Scholarship
- ❑ Nutrition Scholarships
- ❑ Scholarships for Students with Outstanding Academic Results
- ❑ Working Student Scholarship
- ❑ Emergency Loan
- ❑ Disaster Relief Scholarships

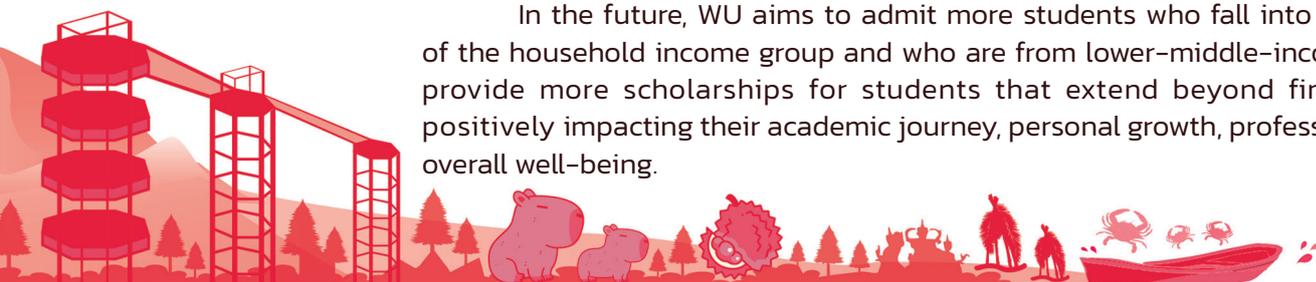
The scholarships for international students included:

- ❑ Undergraduate Excellence Scholarships for ASEAN or non-ASEAN Countries (Full Tuition Waiver)
- ❑ Partial Tuition Waiver Scholarships
- ❑ Undergraduate Excellence Scholarships and Partial Tuition Fee Waiver Scholarships
- ❑ International Undergraduate Excellence Scholarships (Full and Partial Tuition Fee Waiver)
- ❑ International Scholarships for Business Administration



The record suggests that, over the past five years, the graduation rate of students receiving scholarships has increased significantly. These scholarships can help them reduce their financial burdens, including their family's financial strain. Moreover, some scholarships include stipends for living expenses, allowing students to focus on their studies without worrying about day-to-day costs.

In the future, WU aims to admit more students who fall into the bottom 20% of the household income group and who are from lower-middle-income countries to provide more scholarships for students that extend beyond financial support, positively impacting their academic journey, personal growth, professional future, and overall well-being.





Local Start-up Assistance towards Sustainable Business

Walailak University (WU) is committed to supporting local community business startups by providing knowledge, technology, and funding for start-up groups in the local community, following sustainable development guidelines. The Walailak Business Incubation Center (WIC) is the main organization supporting sustainable local business startups. The missions of WUIC include:

- ❑ Conducting training and mentorship programs held by experts, and researchers from WU on various issues, including marketing, accounting and finance, business administration, etc.
- ❑ Introducing local sustainable startups to expand collaboration with government and private sectors.
- ❑ Providing free university facilities such as offices, meeting rooms, high-speed internet, equipment, online resources, laboratories, etc.



In 2023, the center organized a workshop on premium red palm oil production using microwave technology for local agriculturists and members of the local enterprise group of palm oil producers in Wang Wiset District, Trang Province. Before the start of the workshop, it was found that the agriculturists and the enterprise group did not have access to the knowledge, training workshops, education, resources, and technologies necessary to produce red palm oil. This lack of access limited their opportunities to generate income.

To address this, WU organized a workshop to transfer knowledge and provide assistance through education and resources to local agriculturists and the local enterprise group. The aim was to enhance efficiency and learning in producing premium-quality red palm oil. The training topics included the red palm oil production process and extraction process, the use of microwave ovens in the production process, the measurement and quality control of red palm oil, and the design of packaging for red palm oil and its derived products. The technologies and bodies of knowledge that the agriculturists and group received from WU included microwave technology, packaging design, red palm oil production process, financial administration, etc.



As a result of the workshop, the quality of palm oil produced by the enterprise improved significantly due to the microwave technology provided by WU. In addition to improving quality, the workshop also created a new marketing channel for participants to sell red palm oil to provincial business operators such as restaurants and hotels. This development has the potential to generate sustainable income, leading to socially and financially sustainable business practices for the local community.





WU Supporting Local Mangosteen Agriculturists for Sustainable Agricultural Practices



Mangosteen has been a significant source of income for local agriculturists in Cha-uat District, Nakhon Si Thammarat for many decades. However, these agriculturists have faced challenges from diseases and pests, particularly pestalotiopsis leaf blight, which has led to a decline in both quality and prices. Despite adopting some sustainable agricultural practices, they still lack the necessary resources and educational opportunities to improve their plant disease protection.



In 2023, Walailak University (WU), through the Clinic Technology, launched outreach programs to educate and provide mentoring programs to the local enterprise group of mangosteen agriculturists in the district on using Trichoderma, a biological product, to combat plant diseases caused by fungi. This product, designed as a user-friendly spore powder, is safe for all users and consumers and environmentally friendly.

The product proved highly effective in controlling plant diseases by destroying plant pathogens through mycoparasitism and antibiosis. It also reduced pesticide residues in the mangosteen. Additionally, it helped reduce farm production costs to 438,600 baht and generated an export value to Japan of 22,990,000 baht. These efforts have not only improved the quality and marketability of mangosteen but also provided a sustainable solution for local agriculturists. With continued support and education, the future looks promising for the mangosteen industry in Cha-uat District.



Training Workshops in Fostering Financially and Socially Sustainable Pig Farming Start-Ups

The Satit Walailak Pattana Community Enterprise Group of Pig Farmers has been practicing sustainable pig farming for over five years. Despite this, the group faced challenges such as low piglet production due to poor breeding stock and inadequate veterinary care.

In 2023, Dr. Krittika Kabploy, the School of Agricultural Technology and Food Industry, conducted a training program to provide mentoring support, technologies, and resources for the care management practices of sows covering various issues, such as heat detection, breeding practices of sows, and the care of sows during farrowing and lactation. Additionally, WU provided health check-ups for sows and piglets and disease prevention guidelines.

Following the 2023 training workshops, the local enterprise group has experienced notable improvements in productivity and animal health. The average number of live-born piglets has risen by 25% due to enhanced breeding and sow management practices. Sow mortality rates have dropped by 30% thanks to regular health check-ups and better veterinary care.

