

Annual Report 2019–2020 Walailak University



Academic Year 2019 | Fiscal Year 2020

Annual Report 2019-2020 World Class University



We currently utilize the UKPSF-based

Teaching and Learning in our courses

to accommodate our students

to their maximum academic excellence

Prof. Dr. Sombat Thamrongthanyawong

President of Walailak University



The year 2020 was one of hardship for people all over the world due to the outbreak of the Corona Virus 2019 (COVID-19) pandemic at the beginning of the year. Walailak University was no exception and was also affected to a certain degree in regards to both teaching and learning, as well as the well-being of the students during this difficult time. Despite the hardship, 2020 was proven to be another year in which Walailak University attained remarkable achievements in various aspects.

To handle the situation caused by the spread of COVID-19, the University designated quarantine areas and put in place stringent monitoring and measures to prevent the spread of the virus on the Walailak University campus. Furthermore, Walailak University Medical Center Hospital provided medical services to a large number of students, university staff as well as the general public.

The year 2020 was also the year Walailak University welcomed 2,478 new students—the largest number since its opening. The fact that this took place during a time when the number of students entering universities nationwide dropped by 50,000 clearly illustrates the students' and parents' increased interest and trust in the quality of Walailak University.

To produce high-quality graduates, the University has revolutionized its teaching and learning by adopting The UK Professional Standards Framework (UKPSF) to ensure that faculty members have professional teaching skills that are up to international standards and are able to teach students to think critically, analyze, and synthesize information in a student-centered environment that is conducive to learning. This has resulted in a 13% increase in the grade point average of graduates between 3.5-4.00 (First Class Honors). The University also aims to reduce the number of dropouts to 0% in the future.

Another one of the University's goals is to become a World Class University that produces world-class research. Walailak University's research in the field of innovation was ranked 6th nationwide, 246th in Asia, and 472nd worldwide by SCImago Institutions Rankings 2020. Also, its research in the field of Physical Science was ranked 3rd nationwide and 8th in Asia by Nature Index Ranking 2020, with over 810 publications in the Scopus database. This clearly shows the high standard of instructors and researchers at Walailak University.

None of these achievements could have happened without the complete cooperation of the management, faculty members and support staff. I would like to extend my sincerest gratitude for your professional commitment to develop Walailak University. We will stand among the leading universities in Thailand that place utmost emphasis on the development of the quality of education and research and will continue to strive to become a truly world class university.

Professor Doctor Sombat Thamrongthanyawong

and left

President

Executive Summary

The year 2020 marked another step forward for Walailak University as evidenced by its outstanding achievements despite the obstacles resulting from the COVID-19 pandemic. Apart from the elevation of instruction to international standards, the University's focus has also been on becoming a leading world-class research university.



Revolutionizing the teaching and learning based on UKPSF with the highest number of accredited teachers in Thailand

Walailak University adopted the UK Professional Standards Framework (UKPSF) from the Higher Education Academy (HEA), England, to revolutionize its teaching and learning in the academic year 2019. This aims at ensuring that the university lecturers are skillful and professional in their teaching methodology, focusing on encouraging analytical thinking skills among the students.

To that end, the University has organized 4 trainings and assessment of the teaching quality based on UKPSF, as well as organizing 8 Pre-UKPSF trainings. As of September 2020, there were 216 lecturers who had received professional accreditation—the highest number in Thailand. Of these, there were 1 principal fellow, 42 senior fellows, and 173 fellows, and 100% of instructors passed the Pre-UKPSF trainings. It can thus be said that all of Walailak University's instructors are highly-skilled and possess UKPSF standard abilities.

Outstanding intake and with outstanding GPAX

In the academic year 2020, Walailak University's new Bachelor's degree intake reached 99.96% of the set limit, or 2,478 of the 2,479 goal. The number was higher than the previous year in which the intake was 1,730. In fact, the year 2020 saw the highest intake since the establishment of the university. Among them, 995 or 40.15% came from standard schools. Also, their GPAX at university entrance was at 3.12—up from 3.11 in the previous academic year.

The top five colleges with the highest GPAX were the School of Medicine and Dentistry (3.77), School of Pharmacy (3.76), Veterinary College (3.67), and the School of Allied Health Sciences (3.50).

Dropout rate of new intake based on academic performance down to 0.75%

Walailak University has strived to reduce the student dropout rate. Records show that the average percentage of dropouts of new intake (all causes) in the academic year 2011 was as high as 26.38. In 2016, the University changed the admission policy, raising its standards, and since then the dropout rates of new intakes have gradually reduced. As of the academic year 2019, the percentage of dropouts of new intake (all causes) was down to 8.27.

The percentage of dropouts among new intake based on academic performance in 2011 stood at 10.06, yet after the implementation of the new admission policy in 2019, together with close student supervision and monitoring measures, the percentage of new intake dropout due to academic performance in 2019 had fallen to 0.75.

Development of Smart Classrooms at 100% (71 rooms)

Walailak University has a policy to develop small classrooms into 'Smart Classrooms' that can cater to active and online learning. In 2019, the University acquired audiovisual equipment, a network system, computer servers and access points for 39 classrooms. Later in 2020, 32 more 35-70 seat classrooms in Central Buildings were developed to be Smart Classrooms, bringing the number of small Smart Classrooms that can provide active and online learning to 71 (which is 100% of all small-sized classrooms).

The University also has a policy to encourage all faculty members to pass the Smart Classroom training. The percentage of faculty members proficient in Smart Classroom use increased from 83.5 in 2019 to 90.75 in 2020.

Be a leading cooperative education system in Thailand-keeping cooperative education up-to-date and extending its duration to 8 months

In order to promote the development of high-quality students in line with the University's policy to develop students' knowledge, skills and professional competence recognized by all stakeholders, similar to what is expected of program students in disciplines governed by their respective professional councils, the University has extended the duration of its cooperative education at a workplace from 1 semester (4 months) to 8 months. This will be implemented starting in the third semester of the academic year 2021 as specified in the new curriculum. The focus will be on practical skills and be upgraded in 3 aspects. The first is an upgrade of faculty members' expertise. All instructors in the programs that adopt cooperative education must pass a professional advisor training. Secondly, the workplaces will be upgraded by selecting 745 premium workplaces, focusing on large industrial estates. Finally, students will be allowed to go abroad for their cooperative education. Students who wish to go overseas need to have at least B1 English proficiency. At present, curriculum improvements and preparations are being implemented according to plan.

Striving to develop world-class research

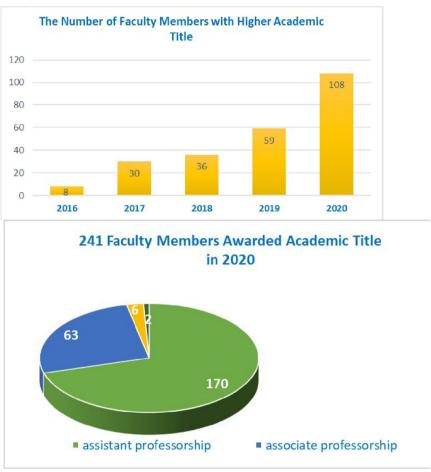
The University has continuously strived to push ahead with its research publications to reach its goal set in its 1:1 policy, and activities are organized to promote research publication including the establishment of 21 centers of excellence. World-class Nature Index Ranking 2020 ranked Walailak University 8th in Asia and 3rd in the country in physical sciences, and 6th in the country in overall research. SCImago Institutions Rankings 2020 also ranked Walailak University 6th in Thailand in innovation. Overall, Walailak University ranked 10th in the country, 286th in Asia, and 752nd in the world. In the past, 17-24 research organizations in Thailand placed in the SCImago Institutions Rankings, but not Walailak University. The year 2018 was the first time Walailak University appeared in the SCImago Institutions Rankings and it has remained there since.



Continuous upgrading of academic staff

The improvement of efficiency in administration by reducing the amount of time it takes to apply for an academic title to an average of 6 months, as well as other rigorous promotional measures, have resulted in a steady increase in number of qualified academic staff.

The number of faculty members with academic title has increased by leaps and bounds in recent years. In 2016, only 8 staff members had been awarded a higher academic title, but this number increased to 30 in 2017, 36 in 2018, 59 in 2019, 108 in 2020, totalling 241 out of all 646 faculty members in the University (excluding 44 who were on study leave/studying full-time), accounting for 37.31%. Among these, 6 were awarded titles of professorship, 63 associate professorship, 170 assistant professorship, and 2 distinguished scholars.



To encourage academic staff to apply for academic titles, the University has implemented various measures. Apart from granting research funding, the University also has supported faculty members in increasing their academic development potential through research by setting up two committees to promote the development of academic work for new faculty members and those who do not have an academic title. "The Alpha Club" is a committee that supports new faculty members with a Ph.D. degree who have not yet acquired an academic title. Another committee, "The Beta Club", works with new faculty members who hold a Master's degree and have not acquired an academic title. Group members meet monthly to exchange knowledge on topics and issues relevant to the development of their academic work. Committee members monitor the progress and provide advice regarding the problems and obstacles faced by the members every 3 months.

Efficiency in budget expenditure

Spending based on annual government statement of expenditure: The University was allocated 1,713.73 million baht for the fiscal year 2020. Of this, 921.88 million baht was allocated to investment budget. Procurement was carried out 100% according to plan with 47,165,198.00 baht left for additional procurement.

Savings from procurement at lower than cost estimates: The University was able to save 38,480,375.00 baht from its overall budget. Of this amount, 28,714,239.00 baht was the government budget, and 9,766,136.00 baht was the income and enterprise budget.

Unplanned projects resulting from budget savings: Savings from budgeted spending have been used for various beneficial projects such as the renovation of 300-seat and 150-seat lecture halls in 4 Central Buildings. Eight 300-seat halls and 12 150-seat halls were renovated. In addition, a 250-seat conference room in the Architecture Building was modernized and redecorated. Bungalows in the Smart Farm and Academic Building 2, where the School of Nursing is located, also underwent renovation.

Savings from the energy-saving policy and use of contract services in line with the University's strategy to become the country's leading Green University: The University's continuing effort to save energy and provide contract services resulted in savings of 14,025,478.22 baht or a decrease of 14.87% of its budget from the previous year.

	2019	2020	reduction	%
Electricity Fees	59,071,153.46	54,253,733.41	4,817,420.05	8.16 %
Fuel Expenses	7,803,813.55	5,349,427.35	2,454,386.20	31.45 %
Photocopying Costs	536,226.84	303,558.00	232,668.84	43.39 %
Photocopier Contract Services	2,322,955.06	1,531,126.26	791,828.80	34.09 %
Laser Printer Contract Services	1,610,727.07	1,158,245.81	452,481.26	28.09 %
Cleaning Contract Services	1,771,574.00	1,102,013.00	669,561.00	37.79 %
Transportation Contract Services	21,205,211.40	16,598,079.33	4,607,132.07	21.73 %
Total	94,321,661.38	80,296,183.16	14,025,478.22	14.87 %

Development of the management system to become that of a highly efficient organization:

Walailak University strives to become a world-class frontier research university in line with the policy of the Ministry of Higher Education, Science, Research and Innovation (MHESI). To that end, development in various aspects has been made on an ongoing basis.

Development of the Human Resources Information System (Walailak University Human Resources Management Information System or WU-HRMS): The system comprises 16 modules, which, once developed, will speed up the operation of the University's Human Resources Office as well as streamline the system and make the operation more efficient. The system will link data and produce information quickly. It will also allow executives and university staff alike to access the data themselves through the HR Application anywhere and anytime. Currently, the University is in the process of procuring hardware and copyrights as well as accepting applications of system development teams.

Development of a Digital Office Management System: DOMS to digitize the entire process and system of correspondence work, namely, document preparation, reception, delivery, submission for approval, comment, and issuance of directives to be 100% on DOMS.

The University procured the service of Max Savings Company to develop a new digital office management system which was completed on August 13^{th} , 2020, and launched on September 9^{th} , 2020. With the University's policy to utilize an e-office management system, use of paper in correspondence work has decreased steadily.

Development of a Quality Assurance System to follow up, monitor and assess education quality of the whole organization.

The system known as "Walailak University Quality Assurance" or "WUQA" is based on the AUN-QA framework which can be used in assessing the quality of an organization at the faculty/ university and program levels. Results of the quality assurance assessments in 2016, 2017, 2018 and 2019 were 4.64, 4.66, 4.75 and 4.80 respectively, which were at the "very good" level.

Development of the Smart University system: The University has put in place a 4-year digital technology development plan (2021-2024) and the development of various systems has already begun, namely, Smart Infrastructure (Walailak University Hospital Network), Smart Organization (to develop budget, supplies and finance modules), Smart Learning (addition of e-Learning module), Smart Hospital (to develop modules for the operation of Walailak University Hospital), Smart Transportation (collaborating with Krungthai Bank Plc in developing electric car tracking and available seat checking), and Smart Farming (to develop an IoT system for chicken farming).

Handling of the COVID-19 situation

The University has started conducting the teaching and learning online so as to reduce occurrences of student gatherings in the classroom. Various learning management platforms such as Microsoft Teams, Google Meet, Zoom, Jitsi, and Webex have been integrated with other online programs and media to achieve effective teaching and learning. Lessons have also been recorded for 24-hour playback. For students who lack readiness in terms of learning devices or internet networks, the University has provided high-speed internet sim cards so that they may access online lessons from home. All lecture classes have been conducted 100% online starting from the middle of term 3 in the academic year 2019 or April 2nd, 2020. Practicum courses have been postponed to periods when the situation has improved and can be completed without incident.



Provision of assistance to students affected by the COVID-19 situation: The University has reduced dormitory fees by 30% and established student loan funds with 0% interest to help students pay for tuition and basic necessities. Children of government officials or those with regular income who were not severely affected were allowed to pay their tuition and dormitory fees in 3 installments. The University also adjusted the cost of living and other criteria of students' parents in the Student Loan Fund to cover those affected by the pandemic more widely. Over 1,300 scholarships were also allocated in 2020 to provide financial aid to students and enrolment confirmation fees were waived for the academic year 2020 intake.

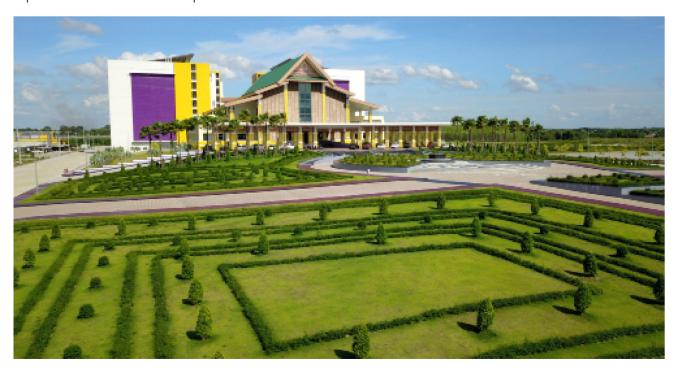
Development of the School of Pharmacy's herb garden

The University designated the Division of Landscape Architecture and Environment to upgrade the School of Pharmacy's herb garden and turn it into an appropriate teaching and learning space for the study of herbal plants. This off-budget project has been funded by from the surplus annual budget and was completed in August 2020.



Improvement of the landscape surrounding Walailak University Hospital

Construction of Walailak University Hospital phase 1 was completed on schedule in the fiscal year 2019. The University received support from Dr. Kampon Tansajja, owner of Nongnooch Garden Pattaya regarding the design and development of the landscape surrounding the Hospital at no cost, thus helping save the University money. The University was only required to prepare the soil and watering system for the landscaping. Nongnooch Garden then presented the new landscaped garden to the Hospital as a 2020 new year's gift. It has since received significant admiration and become a point of attraction for hospital visitors.



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Editorial

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Background Information

Walailak University is a state university. The late king, His Majesty King Bhumibol Adulyadej The Great (King Rama IX), graciously bestowed the name "Walailak University", which is part of the name of His Majesty's youngest daughter, Her Royal Highness Princess Chulabhorn Walailak (Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana). The University was established as a result of the passage of the Walailak University Act B.E 2535 in 1992, providing for a comprehensive university offering a wide range of degree programs at undergraduate and postgraduate levels in diverse disciplines including social sciences, science and technology, and health sciences. The campus has been developed to be a residential university, equipped with modern educational infrastructure and facilities, set in a beautiful and pristine environment conducive to learning.



University Symbols



University Coat of Arms

coronet in the center above the two Thai alphabets, one in orange and the other in white against a purple background. The coronet and letters represent Her Royal Highness Princess Chulabhorn Walailak in whose honor the University is named. The shield is framed with a gold-fringed white ribbon on which is inscribed the name of the University in Thai.

University Colors: Orange and Purple

Orange is the color for Thursday which is the day of the week on which Her Royal Highness Princess Chulabhorn Walailak was born.

Purple is the official color of Nakhon Si Thammarat Province in which the University is located. The provincial color is derived from the personal color of Phra Rattanatachamuni, Abbot of Thapoh Temple and famous educational reformer and innovator of the Southern Region of Thailand in the reign of King Rama V, who is locally regarded as the pioneer of modern education in the south.





Praduu Tree (Pterocarpus indicus Willd)

Tree which grows in abundance in the southern forests. In Nakhon Si Thammarat City, there used to be a grove of Praduu trees growing in the area known as "Sala Praduu Hok" in front of the official residence of the provincial governor.

WU Statement of Intent

Walailak University strives to generate new knowledge through research to achieve academic excellence in order to produce intellectually and ethically competent graduates who will be able to make a positive contribution to the progress and development of society and mankind.

The process of producing graduates with both intellectual skills and moral integrity places special emphasis on the importance of :

- being well-informed modern citizens with an international outlook towards both a democratic nation and the globalized world;
- acquiring the highest level of scholarship and professional skills for practical and efficient application to the world of work and everyday life;
- possessing a well-developed sense of moral goodness and responsibility as well as high ethical standards for working and living in society as worthy and morally upright citizens.



Vision

Good governance

Learning organization for all

Community orientation and services

International recognition for excellence

Mission

Walailak University aiming to offer worthwhile and international excellence in every profession, develop innovative operations to actualize the commitments and effectively manage unique and potential human capital and assets for global competition and changes. The university is also aware of the importance of creating well-being society and a happy organization following the principles of sustainable economy.

Commitments

- To lead on the high level training of students based on world standards, consistent with the socio-economic development of the South of Thailand and Thailand as a whole;
- 2. To conduct studies, research in order to develop new knowledge that can be of benefit to national productivity, and can help enhance the international competitiveness of Thailand;
- 3. To provide and share expertise and technical services to organizations, both private and government sectors, including research and training and technological transfer in areas that can help develop the region and country;
- 4. To act as a center for the conservation and restoration of art and culture.



Core Values

WALAILAK is shortened from

W - Wisdom

A - Advancement

L - Loyalty

A - Altruism

I - Integrity

L - Lean

A - Accountability

K - Knowledge Sharing

Identity

Graduates with knowledge along with practical application, Perseverance Skills in arts and technology, and Ethics

Ultimate Goals

'Leading Comprehensive Research University of the Country'



20-year Strategy

- Strategy 1: Excel in the research, academic services and conservation of art and culture consistent with the country's development
- Strategy 2: Improve the institution and manage human capital towards becoming a high-performance institution
- Strategy 3: Reform instructional approaches based on state-of-the-art sciences so that the university will be recognized as an international standard university
- Strategy 4: Produce quality graduates to meet the needs of the National Strategy
- Strategy 5: Promote the image of the University campus as a green and happy 'University Town'
- Strategy 6: Promote a collaboration network with stakeholders to develop the University
- Strategy 7: Manage the University assets to enhance the University's potential and competitiveness
- Strategy 8: Improve the potential of the Medical Center so that it can be a pillar of public well-being in the South
- Strategy 9: Enhance the capabilities of students in terms of sports and healthtential in sports and health



Walailak University Timeline 1991-2020

1991

The government approved the establishment of a new university in Nakhon Si Thammarat

1992

His Majesty King Bhumibol Adulyadej The Great (King Rama IX) conferred the name "Walailak University" and signed the Walailak University Act B.E. 2535

1996

Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana presided over the Foundation Stone Laying Ceremony at Thasala District, Nakhon Si Thammarat

1998

The first intake of undergraduate students to enroll at Walailak University

2002

Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana presided over the first graduation ceremony

2005

Graduation of the first batch of doctoral students: the first year of graduation of students at all degree levels (Bachelor's, Master's, and Doctoral)







2008

The first intake of medical students

2014

Graduation of the first batch of medical students

2015

Commenced construction of Walailak University Medical Center

2017

Established Walailak University International College of Dentistry, Akkhraratchakumari Veterinary College and Walailak University International College

2018

Established College of Graduate
Studies

2019

Construction of Walailak University
Medical Center Phase 1 completed
March 18, 2019 Prime Minister
General Prayut Chan-o-cha and
his Ministers paid a visit to inspect
the construction of Walailak University
Medical Center

2020

Intake of undergraduate students reached 99.96% of the target, or 2,478 of 2,479— record high since the University started admitting students

Walailak University

University Council

President

Internal Audit Unit

Vice-President for Planning and Strategic Development

- Division of Planning and Strategy
- Division of Finance and AccountingBotanic Park
 - Center for Smart Farm
 - Center for Property Management
 - Walailak University Medical Center
 - Center for Teaching and Learning Innovation (Quality Assurance)

Vice-President for Academic Affairs

- Schools

- Center for Educational Services
- Center for Teaching and Learning Innovation
 - College of Graduate Studies

Vice-President for Global Engagement and Faculty Development

- Akkhraratchakumari Veterinary College
- Walailak University International College of Dentistry
- Walailak University International College
 - Center for International Affairs

Vice-President for Administration

- Center for Digital Technology
- Center for Scientific and Technological Equipment
- Division of Correspondence and General Affairs
- Division of Central Administration
- Division of Landscape Architecture and Environment
- Walailak University Coordination Unit, Bangkok
- Project for the Waste Managment Walailak University

Vice-President for Research and Community

- Institute of Research and Innovation
- Science and Technology Education Park
- Research Institute for Health Science
- Center for Academic Services

Vice-President for University Council Affairs

- Office of Walailak University Council
- Center for Cooperative Education

Vice-President for Student Affairs

- Division of Student Affairs
- Walailak Abode of Culture
- Center for Library Resources and Educational Media

Assistant to the President for Personnel Management

-Division of Human Resources and Organization

Assistant to the President for Administration

Division of Landscaping and BuildingsGreen Campus Project

Assistant to the President for Construction Projects

- Division of Property and Supplies

Assistant to the President for Legal Affairs

- Legal Affairs Unit

- Center for Academic Services (Social Service)
 - Division of Central Administration (Asset Protection and Security)

Assistant to the President for Academic Affairs

Center for Teaching and Learning Innovation (Curriculum Development)
 Center for Educational Services 1,2,3
 Center for Library Resources and Educational Media (Education Support and Services)

Assistant to the President for Faculty Development

- Center for Teaching and Learning Innovation (Innovative Learning and Teaching)

Assistant to the President for Corporate Communication

- Division of Corporate Communication

Assistant to the President for Sports Promotion

- Division of Student Affairs (Sports Promotion)

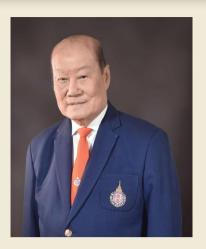
Vice-President for Administration

Vice-President for Academic Affairs

Vice-President for Global Engagement and Faculty Development

Vice-President for Student Affairs

University Council Board



ChairmanProfessor Dr.Wichit Srisa-arn



Vice- ChairmanProfessor Dr.Kovit Poshyananda



Ex-Officio

Professor Dr.Sombat Thamrongthanyawong

(President)

Honorary Committee











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Professor Dr.Somjit Hanujareonkul Mr.Teerachai Chemnasiri Doctor.Nopporn Cheunklin





Khunying Supatra Masdit Mr.Ruchatit Suchato





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Doctor Prachyapan Petchuay







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Assoc Prof.Dr.Wattanapong Kurdthongmee

Asst.Prof.Dr. Udomsak Darumas



Council Secretary

Asst.Prof.Dr. Padungsak Suksa-Ard

(Vice-President for University Council Secretary)



Associate Secretary

Mr. Banjongwit Yingyong

(Head of University Council)

University Administrators



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Assoc.Prof.Dr.Jitbanjong Tangpong School of Allied Health Sciences
Assoc. Prof.Dr. Narumol Matan School of Agricultural Technology

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Assoc.Prof.Dr.Suratsavadee Koonlaboon Korkua School of Engineering and Technology

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Clinical Prof. Dr.Suvichai Rojanasathien Akkhraratchakumari Veterinary College

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Dr. Jidtima Sunkhamani Walailak University International College

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Asst.Prof.Dr. Siwanath Nuntapichai Center for Library Resources and Educational Media

Asst.Prof.Dr. Amonsak Sawusdee Center for Academic Services
Asst.Prof.Dr. Janya Chanchaichujit Center for International Affairs

Asst.Prof.Dr. Poonsit Hiransai Center for Teaching and Learning Innovation

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Dr. Attanan Tachopisalwong Center for Cooperative Education

Dr. Premrudee Noonsang Center for Digital Technology

Dr. Likit Matrakool Walailak University Medical Center

Mr.Uthai Klawkla Center for Smart Farm

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Asst. Prof. Dr. Udomsak Saengow Research Institute for Health Science

Assoc.Prof.Dr.Sarawoot Palipoch Walailak Abode of Culture

Asst.Prof.Dr. Anurak Thungtong Science and Technology Education Park

Mr. Suthira Thongkao Botanic Park

Divisional Directors

Asst.Prof.Dichitchai Mettarikanon Division of Corporate Communication

Dr. Piya Parnphumeesup Division of Planning and Strategy

Mrs. Jutarat Taneerat Division of Finance and Accounting

Mrs. Somporn Boonkiatedechakul Division of Human Resources and Organization

Mr. Piyawat Kong-intr Division of Student Affairs

Mr. Pipatpan Suwan-ougsorn Division of Property and Supplies

Mr. Sittichai Panit-ungkul Division of Correspondence and General Affairs

Miss Jittana Noona Division of Landscaping and Buildings

Miss Orapin Chaiyapong Walailak University Coordination Unit, Bangkok

Mr.Thaweesak Ratanawongdech Division of Legal Affairs

Mr. Pipat Poteh Division of Central Administration

Mr. Uthai Klawkla Division of Landscape Architecture and Environment

Mr. Banjongwit Yingyong Office of Walailak University

Mrs. Preeda Chotechuang Internal Audit Unit
Dr. Veerapong Chotchuay Green Campus Project

Mr. Praiwan Kirdtongmee Project for the Waste Managment Walailak University

Annual Report 2019-2020

Academic Year 2019 (July 1, 2019-May 10, 2020)

Fiscal Year 2020 (October 1, 2019-September 30, 2020)

Walailak University's 3-year Operational Plan (2020-2022)
under Walailak University's 20-year
Strategic Plan (2021-2040)
and the President's Administrative
and Development Guidelines

Revolutionize teaching and learning towards becoming a world-class research university



Strategy 1

Excel in the research, academic services and conservation of art and culture consistent with the country's development







Create research that corresponds to the country's development strategies through the University's centers of excellence and high-impact research programs

The University has continued to produce research that corresponds to the national development strategies through the University's centers of excellence and high-impact research programs. In 2020, the University received a crucial impetus from the Ministry of Higher Education, Science, Research and Innovation (MHESI)'s policy which categorized state universities into 4 groups according to the development strategy. Walailak University was placed in Group 1 as the University has a policy to become a comprehensive university focusing on academic development and publication of research in world-class academic journals, producing graduates who are responsible global citizens like those of other leading Thai universities. To actualize this, the University has taken the following steps:

- 1) Establish the College of Graduate Studies' "Promotion of World-class Research Development" strategy. The University aims at being ranked in Times Higher Education (THE) in 2023.
- 2) Conduct research with research program funding from the Science Park Promotion Agency (SPA) under the "Technology to Industry Convergence" plan.

3) Support the operation of the centers of excellence such as the Functional Materials and Nanotechnology Center of Excellence (FuNTech) that conducts Frontier Research combining world-class research with practical applications to create "Best of the World" technologies and products. The University also promotes the establishment of Food Innopolis on campus under the care of the Science and Technology Park. Currently, the University has set up 21 centers of excellence and allocated a total of 9,060,066 baht operational budget for the year 2020.





- 4) Promote research work in order to achieve an "international excellence" vision—a goal the University puts great emphasis on. The current ratio of faculty members per international database publication stands at 1:0.7, while the University's target was set at 1:1. To reach the target, the University has put in place training plans to train faculty members in the development of research questions, research project proposal writing, publication of research, and research funding. The University has also created opportunities for new faculty members to collaborate with senior faculty members acting as mentors. Moreover, the University has awarded grants to support quality research that has been published in various journals in order to inspire faculty members to create quality research in greater quantity.
- 5) Allocate internal research funding for faculty members totalling 145 projects worth 12,138,900 baht. Of that amount, a budget of 4,109,500 baht was allocated to 63 research projects of the schools of science and technology and the schools of social sciences that have been conducted through the Research and Innovation Institute; and 8,029,400 baht was allocated to 82 research projects of the schools of health sciences that have been conducted through its Research Institute for Health Science.

To strengthen the relationship between the University and the local communities, the university has provided the locals with academic services and research projects that aim to empower communities





Thasala Graffiti Project

The University has endeavored to strengthen relationships with communities under the community outreach project. The Academic Services Center has created WU Happy Tree to promote "holistic area-based development", applying the University's academic and research and innovations to community applications so as to boost overall happiness in the communities. WU Happy Tree comprises 5 branches of happiness, namely, professional, health, resources and environment, education, and society and culture.





To create research a network and develop area-based research proposals



The University has created a research network and developed research project proposals through area-based and issue-based development projects and research projects, namely, the Development of Pak Panang River Basin. According to the Royal Initiative, Plant Genetic Conservation Project under the Royal Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn, research projects and technology transfer projects conducted through the Academic Center and other research projects conducted through the Science and Technology Park.



Encourage and develop capacity to provide services for society to solve problems and develop manufacturing technology in the south, as well as provide training to train state and private sector's personnel to boost competitiveness



The University encourages and develops its capacity to provide services to society by providing academic services for communities to improve their overall standard of living, and by setting up an industrial technology promotion center.



Be a center of the conservation and dissemination of art and culture in the south, including promotion of new relationships and way of life that correspond to the development of the University

The University works to conserve art and culture by organizing short training programs about the art and culture of the south, disseminating knowledge from research of the Toompung archeological site across the nation, conducting research funded by the Plant Genetic Conservation Project under the Royal initiative of Her Royal Highness Princess Maha Chakri Sirindhorn (RSPG), and conserving, promoting and disseminating art and culture through various projects including upgrading the Walailak Abode of Culture Journal to TCI tier 1.

Offer Asian Art and Culture Studies programs at the graduate level, focusing on dissertations that encourage in-depth research on art and culture of Asian countries

In 2020 there were 7 dissertations submitted on Asian art and culture, including 4 from Doctoral degree graduates in the Asia Studies program, and 3 from Master's degree graduates in the Southeast Asia Studies program.

Promote readiness and provide funding for research and academic texts to faculty members as well as improve the process of academic title application approval to become more efficient

To that end, the University provides research funding and encourages academic title application in the following ways:

- 1) Grant research funding As of September 2020, the University had allocated research funding for 145 projects to its faculty members, totalling 12,138,900 baht. Among these, 63 projects were in the science and technology and social science fields under the Innovation and Research Department, and 82 projects in the field of health sciences under the Research Institute for Health Sciences.
- 2) Promote application for academic title The University has issued 3 regulations to support the application for academic title to encourage faculty members to strive to produce academic work. This will in turn put Walailak University among the leading comprehensive research universities in the nation as well as allow it to be recognized in the international arena.

- Walailak University Regulations on Criteria and Procedures for Academic Rank Appointment for University Employees B.E. 2561
- Walailak University Announcement on the Number of Academic Works in the Form of Book Chapter and Case Studies
- Walailak University Announcement on Date of Academic Rank Appointment in cases of Candidate's Submission of Accepted-for-Publication Academic Works, Research or Academic Articles

At the end of the fiscal year 2020, there were 241 faculty members holding an academic title, or 37.31% of the total full-time faculty members. Among these are 6 professors, 63 associate professors, 170 assistant professors, and 2 distinguished scholars.





Promote academic atmosphere and academic-driven research through the Council of Researchers

- 1) Promote research work through the research department instead of the council of researchers in line with Walailak University Announcement on the Operation of Research Department and Centers of Excellence, B.E. 2560. Currently, the University has appointed 17 Heads of Research Departments as assigned by the School Committee and approved by the Academic Council to hold the position for 4 years. A monthly meeting of Heads of Research Department is scheduled to follow up on the work progress.
- 2) Promote research excellence using the Reinventing University framework of the Ministry of Higher Education, Science, Research and Innovation (MHESI) as operational guidelines and set research directions using world-ranking criteria of SCImago institutions rankings and the Times Higher Education (THE) young university ranking.

Promote the University's academic work and innovation through various journals, databases and other media suited to the current context

Walailak University was ranked 3rd in Thailand in Physical Sciences and 6th in Thailand in overall research by World-class Nature Index Ranking 2020. The ranking was based on high impact scientific research publications in 82 world-class journals recognized in various fields. The publications span 4 research clusters, namely Physical Sciences, Life Sciences, Chemistry and Earth & Environmental Sciences.

Walailak University was ranked 10th in Thailand, 268th in Asia, and 752nd in the world by SCImago Institutions Rankings 2020. The ranking was based on 3 components, namely, Research (50%), Innovation (30%) and Societal components (20%), totalling 13 indicators. The University was ranked 6th in Thailand in Innovation. Over the past 9 years, 17-24 research organizations in Thailand appeared in the rankings, but Walailak University had not until 2018, and the University continued to move up the rankings in 2019 and 2020.

Walailak Journal of Science and Technology (WJST) is indexed in Quartile 3, ranking 93rd in Multidisciplinary discipline The Scopus database included 38,000 journals in their database for the year 2020, and 58 Thai journals were among those listed. The Walailak Journal of Science and Technology (WJST) was classified in Quartile 3 and ranked 93rd in Multidisciplinary discipline, with an SJR value of 0.154 in 2019 (higher than the previous year). The overall citation of the journal in 2019 was 132 (higher than the previous year) and citation of articles in the past 3 years in 2019 was 0.537 (the journal's record high). 16.67% of the articles were co-published with international journals (the journal's record high). At present, submissions to the WJST journal in 2020 stands at over 700 articles.

Promote research publication in 2020, 295 articles were published in the ISI Web of Science and Scopus database. Among these, 134 articles were in the science and technology discipline, 35 in social science, 132 in health science and 1 from the Graduate Studies College. 27 were co-authored with other schools. The number of publications grew by 90 from the year 2019. ISI Web of Science and Scopus are databases that curate world-class academic publications covering a wide array of quality research journals in all disciplines. They also serve as index of measuring advancement of academia and a country's competitiveness. The cumulative number of publications of Walailak University exceeded 150 in 2017, and as of September 30, 2020, the University's cumulative number of publications was 728, comprising 123 publications in 2017, 155 publications in 2018, 205 publications in 2019, and 295 publications in 2020.

Currently, there are 2,929 articles that have been submitted for publication. The University's submission to first decision timeframe is set at one month. Also, to reduce an existing backlog, the University has recruited student apprentices, students in cooperative education programs and student part-time staff to help in the publication process, publication charge collection, hiring of additional personnel, and requesting funds from TCI to pay for reviewers.

Develop and produce research work in cooperation with the private sector to add value to the innovation base with the Science and Technology Park as the coordinating mechanism

The number of research works involving the private sector and communities to add commercial value stood at 34 in 2020. Major projects include a natural latex injection nozzle and a feeding system for a 3-D printer, NST-009 Trichoderma biocontrol agent, rubber guns used for training police students, a portable microscope, innovative products for health, a tennis ball launcher machine, guava jelly with vitamin B-12 added made from fermentation with Lactobacillus plantarum WU-P1, intelligent personal assistant software for the repair and maintenance of automobiles, and crushed stone pavement materials made from discarded pre-fabricated floor slab mixed with clay, among others.

Research work was recognized by the STSP Innovation Awards 2020 for commercial innovation in the southern region level. The event was hosted by Prince of Songkhla University Science Park. Walailak University researchers won 3 awards altogether. 1) "Trichoderma5+ (Biocide OEDC standard)" by Assoc. Prof. Dr. Warin Intana, Associate Dean of the School of Architectural Technology and Food Industry, was awarded first prize in the commercial innovation category, and he received a cash prize as well as a plaque and certificate. He also represented the south at the semi-final RSP Innovation Award at the national level. 2) "Composite Honeycomb Wall Innovation" by Asst. Prof. Dr. Thanongsak Imjai, School of Engineering and Technology was awarded second prize, and 3) "Device that trains people not to touch their face to minimize risk of contracting respiratory diseases" by Assoc. Prof. Dr. Wattanapong Kurdthongmee, School of Engineering and Technology, was awarded a consolation prize.





Assoc. Prof. Dr. Warin Intana, Associate Dean of the School of Architectural Technology and Food Industry, was awarded first prize in the STSP Innovation Awards 2020 for commercial innovation in the southern region level.





Creating new innovation-based entrepreneurs by organizing development activities for current students, alumni, university staff and the general public: The activities also aim to connect registered entrepreneurs with experts, knowledge, technology, innovations and funding sources so that they can strengthen their businesses. A total of 12 activities were organized, attended by 1,647 graduates, current students and faculty members. The activities included Business Model Canvas Training and Startup Talk to inspire participants to establish a startup business, for example.

Developing research and innovation-based business: The 72 projects under this program include 11 University Business Incubator projects or UBI (including those in Pre-Incubation stage), 17 ITAP projects, 18 Technology Business Incubation or TBI projects, 6 Talent Mobility projects, 4 IRTC projects, 2 grounded-commercial research projects, 4 SME 4.0 projects, and 10 projects funded by the Ministry of Science and Technology Coordination Centre, South Region.

Improve the institution and manage human capital towards

Becoming a high-performance institution

Develop mechanisms to promote and monitor the education quality assurance system to be up to international standards in line with the image of the University

Walailak University has developed its Quality Assurance System to monitor and assess the entire organization operation called "Walailak University Quality Assurance" or "WUQA". The system is based on the AUN-QA framework that can be applied to quality assurance at the school, university as well as program levels. The average results of the University's overall education quality since 2016 has been excellent, and this clearly illustrates Walailak University's quality in education. Statistics of educational quality assurance results in 2016, 2017, 2018 and 2019 were 4.64, 4.66, 4.75 and 4.80 respectively, which is excellent.

Promote use of the internal audit system as a management tool in all University sectors to ensure transparency, accountability and good governance

Implement internal and external auditing systems and mechanisms: The University has its own internal audit that reports directly to the University Council and is free from interference in its duty to examine and evaluate the operation of the University to ensure that resources are utilized effectively to achieve the University's objectives. It is also responsible for examining all operating practices and financial management in the University to include the evaluation of its good governance system, risk management system and internal control system according to the auditing standards set by the Comptroller General's Department and international standards.

The State Audit Office of the Kingdom of Thailand also performs an annual external audit and certifies the University's financial statements as well as examines related documents as needed. The report is submitted to the University so that necessary adjustments can be made. The report must be submitted to the University Council within 120 days after the end of the fiscal year so that the Council may submit it to the Ministry.

Improve risk management as a tool that provides early indication of potential problems to executives and thus minimize risks as is the University's goal

Risk management system: The University follows the risk management manual to minimize risks that may affect the University. It also has two risk management plans as its operational guidelines as follows:

- 1) Risk management to deal with emergencies/crises is risk management focusing on issues caused by external factors or factors beyond the University's control such as natural disasters, social unrest and technological disruption that adversely affect the operation of the University. The 4 risk management plans include the flood and storm prevention plan, fire prevention and suppression plan, terrorist or unrest incident management plan, and information technological emergency situation management plan.
- 2) Risk management according to the annual risk management plan is risk management that corresponds to the strategic goal of the University under normal circumstances. 4 types of risks are analyzed based on the COSO ERM system, namely, Strategic Risk, Operational Risk, Financial Risk, and Compliance Risk. The University has also improved its risk management operation to comply with the Comptroller General's Department's 9 risk management standards for the state agencies. It was found that in 2020, the University was able to manage 19 out of 20 risk indicators to be in a normal range, or 95%.

Improve strategic indicators to correspond to the University's management and development framework in the era of accelerating change, with the emphasis on the accuracy of the indicators

Improve University regulations regarding management of human resources to correspond to modern human resource management practices, and foster professional development, career stability and work satisfaction

Use Participative Management mechanisms to strengthen harmony among University staff at all levels as well as the communities surrounding the campus

Promote and develop use of the information technology system as an effective managerial tool to become a paperless office

 Develop a Digital Office Management System (DOMS) which consists of 2 sub-systems, namely, electronic document, and electronic circular letter systems. Max Savings (Thailand)
 Co Ltd was commissioned to develop the systems. User training was organized in June 2020 and the DOMS system has been in use since September 2020.





 Develop a new WU MIS system (SAP) by commissioning Portal Net Co Ltd as developer as of 2019. The system is now complete and in use. Training was organized for 6 groups of users during July 1-10, 2020.

Improve the budget spending system to be more efficient and procurement process to take less time, especially regarding the spending of investment budget

Utilize a more effective monitoring or tracking system in the implementation of policy to achieve the goals effectively and efficiently, emphasizing the use of evaluation methods that are more objective as well as team evaluation

Governance System: Walailak University is a state university and a legal entity with the University Council as the highest unit that oversees the overall operation of the University. The Council comprises 8 committees, namely, the Finance and Property Committee, Human Resources Management Committee, Audit and Evaluation Committee, Risk Management Oversight Committee, Academic Rank Evaluation Committee, Appeal and Complaint Committee, Legal Advisory Committee, and University Affairs Promotion Committee.

The University Council works with University executives to set the direction of the strategic plans. The University's yearly operational plan is submitted to the University Council and each committee within the University Council reports its operation to the Council every quarter. The committees also work together to check and review each other's work. For instance, the Risk Management Oversight Committee meets with the Monitoring, Auditing and Evaluation Committee at least once a year to review the risks to the organization.

Performance agreement signing for the fiscal year 2020: In order to make Walailak University a leading educational institution of the country, the University has adopted the concept of OKRs: Objectives and Key Results in setting its core objectives and outcome. The executives of all divisions are also required to present their performance agreement proposing strategies that will be implemented in order to move the division towards their goals. This agreement serves as a performance contract with the University. For the fiscal year 2020, the University executives comprising the Vice-Presidents, Assistant to the President, Deans, Directors and Heads of all divisions totalling 57 people gathered to sign the performance agreement for the fiscal year 2020 on December 11th, 2019.



Yearly Objective and Teamwork Assessment: The University adopted an Objective and Teamwork Assessment in 2017 and the staff assessment has been improved continuously with the emphasis on the success of the outcome as well as teamwork. The assessment is conducted on both individual and division levels, and the assessment results are taken into account for annual promotions, pay increases, and recognition of those who received excellent evaluations in the Walailak University community.

Organize meetings to follow up on the performance of the year 2020: All divisions are required to report their performance as stated in their performance agreement and strategic indicators relevant to their division to the University Executives twice yearly. This provides the opportunity to report the progress in their operation as well as to exchange ideas and receive directives from the President so that their objectives can be reached. This year, the first meeting was held during March, 2-4, 2020 and the second during August 24-26, 2020.

Study the organizational culture of Walailak University to create cultural shift /cultural change and turn the University into a "high performance organization"

Promote the socialization process and mechanisms as well as encourage the participation of the students, faculty members, University staff and community in an attempt to combat fraud by developing a system and measures to prevent fraud and policy corruption on the basis of good governance

Declaration of intention to counter all forms of corruption

Declared Walailak University's good governance policy according to the 10 concepts of good governance and report to the Monitoring, Auditing and Evaluation Committee and the University Council every year.

Participated in the Integrity and Transparency Assessment (ITA) by preparing a report of the University's integrity and transparency assessment and submitted it to the Office of the National Anti-Corruption Commission (NACC). The University started the evaluation in the fiscal year 2017 and the overall results have improved steadily. The results were 78.16%, 81.34%, 86.50% and 91.56% (A grade) in 2017, 2018, 2019, and 2020, respectively.

Established a "Building honesty value and anti-corruption conscience within the organization" project on June 9th, 2020 at the Main Auditorium Thaiburi Building, Walailak University, to emphasize the concepts of honesty and transparency as one of the University's highest goals that will lead the University towards success.



Encourage interested faculty members to pursue a doctorate degree

Professional development of academic university personnel: The University recognizes the importance of academic personnel development of those holding a master's degree to become a Ph.D. holders. The University has allocated scholarships supported by the University as well as outside agencies to encourage University staff to further their study at a doctorate level as well as participate in specialization certification training courses, study tours and research workshops, and sabbatical leaves. Currently, the University has 372 Ph.d. holders out of all 646 faculty members (excluding 44 who are on study leave), or 57.59%.

Encourage faculty members, especially those who have no wish to further their study, to pursue an academic rank as required by the University's regulations

Academic rank application: The University has revised its regulations regarding the procedure and steps in applying for academic rank to make the process more efficient and faster, reducing the process time to 4-6 months. A Qualification Committee and Academic Rank Application Advisory Clinic have been set up and plagiarism checkers have been appointed. Currently, 241 out of 646 faculty members hold an academic rank (excluding 44 faculty members who are on a study leave), or 37.31%. Among these, 6 are professors, 63 are associate professors, 170 are assistant professors, and 2 are distinguished scholars.

Encourage the Schools and academia to be independent leaders in the academic field and pioneers in producing outstanding academic work in their disciplines, as well as support training in their specialization and English skills so they can achieve academic advancement in Thailand and abroad







The highest number of UKPS-certified faculty members in Thailand: The University has adopted The UK Professional Standards Framework (UKPSF) of The Higher Education Academy (HEA), UK as framework in revolutionizing its teaching and learning and enabling faculty members to become professional instructors. Emphasis is placed on promoting analytical thinking among the students. The University has held 3 UKPSF training for 180 faculty members and 8 Pre-UKPSF Courses and online Pre-UKPSF Self-study courses to include 100% of the University's faculty members. Currently, the University has 204 certified fellows. Among them, 1 is a principal fellow, 42 are senior fellows, and 161 are fellows, making the number of fellows per university the highest in Thailand and making Thailand the country with 6th highest number of fellows in the world outside of the United Kingdom.

Reform instructional approaches based on state-of-the-art sciences so that the university will be recognized as an international standard university

Adopting UKPSF from the United Kingdom to maximize the efficiency of instruction, setting zero as the goal for the number of dropouts by the year 2021

Revolutionize instruction emphasizing quality graduates by revising curricula to correspond to the changing world, especially in relation to innovation and social needs. Set the University's educational standards in all disciplines to be on par with national and international standards, both at undergraduate and graduate levels, by promoting multi-disciplinary dual degrees, international programs, English and bilingual programs, world citizenship and entrepreneurship

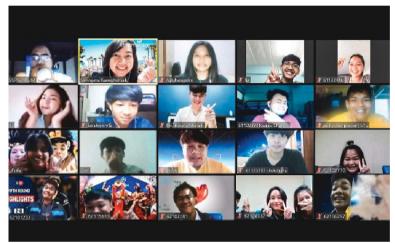
Develop new curricula and revise existing curricula: This year, the University has developed 14 new curricula, comprising 6 undergraduate and 8 graduate programs. Among them, 9 are international programs. Moreover, 9 curricula have been revised, comprising 7 undergraduate and 2 graduate programs.

Develop curricula promoting internationalization (Bilingual /English program/ International program): At present, the University boasts 20 international programs, or 25% of all programs, comprising 9 undergraduate, 2 Master's degree and 9 Ph. D. programs.

Develop new curricula: The University has developed 21 non-degree curricula to reskill and upskill learners in line with the Ministry of Higher Education, Science, Research and Innovation's policies and other government's policies.

Adopting online instruction to minimize the spread of the COVID-19 virus in public and University areas as per the policy of Ministry of Higher Education, Science, Research and Innovation (MHESI) that requires all universities nationwide to conduct teaching and learning online instead of

on site, as well as reducing the gathering of students in classrooms. The University announced the cancellation of normal teaching and learning beginning March 19, 2020, and prepared the staff for online instruction. Online trainings were organized for the faculty members to train them about the process of teaching online, teaching tools they could use and assessment methods to ensure that online instruction would be as effective as instruction taking place in the classroom. The University has been teaching and learning 100% online since April 2, 2020 via programs such as Microsoft Teams, Google Meet, Zoom, Jitsi, and Webex, together with other online programs and media to ensure effective teaching and learning. The lessons were also made available for playback 24 hours a day. Some courses implemented 100% online instructions with practicum being postponed until the COVID-19 situation has improved.





Continuous formative assessment of the teaching and learning

Develop quality assurance: Quality Assurance Committees were appointed at the program, School and University levels to monitor the operation according to indicators and ensure that the result would be at the "very good" level or higher. Meetings were held twice a year so that the committees could follow up on the progress of the operation. In addition, trainings were also organized to provide University staff with an understanding of the quality assurance criteria, program standards benchmark, higher education framework and how to write a self-assessment report (SAR). In the academic year 2019, the University also developed "Walailak University Quality Assurance" or "WUQA" based on the basic framework of AUN-QA to be used in the quality assurance at the School/ University as well as program levels. The average result for the year 2020 was at 4.80, which was excellent.

Revolutionize the teaching and learning so that it focuses on promoting students' analytical and synthesizing skills, out-of-the-box thinking, innovative thinking and practical skills. Instructors are also encouraged to continuously improve their teaching skills to be on par with international standards.

Promote the application of innovation in the teaching and learning: The University has its own Thai MOOC created under the C9 network of Thai cyber-universities in the higher education network in the upper South. Ten courses were offered in 2019, and 7 more were developed under the Virtual University Project and were offered in 2020. The Thai for Contemporary Communication course was opened on April 19th, 2020 and the other 6 courses are still being reviewed by TCU.

Develop the teaching and learning based on the UKPSF (United Kingdom Professional Standards Framework): The University has organized 4 UKPSF trainings and assessed the teaching quality for 240 of the University's faculty members since the academic year 2018 so that they would be skilful and professional in their teaching. They were also trained to encourage the students to think critically and synthesize information as well as think outside the box instead of rote-learning. Currently, the University boasts 204 UKPSF-certified faculty members, which is the highest number in Thailand. Among these, 1 is a principal fellow, 42 are senior fellows and 161 are fellows. Since the adoption of UKPSF in the academic year 2019, it was found that the students' grades have risen significantly when compared to those of the 2018 intake

Moreover, it was found that 6 of the Schools had no students with a GPA lower than 2.00, namely the School of Agricultural Technology and Food Industry, School of Pharmacy, School of Medicine, School of Nursing, International College of Dentistry and Akkhraratchakumari Veterinary College. When looking at each discipline, it is found that 66.57% of students in the health science discipline have a GPA over 3.00 while the students in the science and technology and social science disciplines with a GPA higher than 3.50 are at 33.82% and 23.95% respectively.

Develop Smart Classrooms: In the academic year 2019, the University procured and installed multimedia equipment, network systems, servers and access points for 39 classrooms (33 rooms during phase 1 and additional 6 rooms in phase 2). In the academic year 2020, a total of 32 classrooms with a 35-70 seat capacity underwent similar renovation, pushing the number of small-sized classrooms that can cater to active learning and online instruction at Walailak to 71 (100% of small-sized classrooms). In addition, the University also has a policy to encourage all faculty members to undertake Smart Classroom training. In 2019, a total of 503 faculty members took part in one of the 35 training workshops, and 185 faculty members took part in one of the 30 workshops in 2020. These have increased the ratio of faculty members who are skilled in the use of smart classrooms from 83.5% in 2019 to 90.75% in 2020 (excluding those who are on study leave and retiring faculty members).

Allocate funds for institutional research and classroom research: In 2020, the University granted funding to two institutional research projects and one classroom research project, while 12 institutional research projects were completed and 4 extended the projects. Research projects that were completed include a comparison of teachers, learning styles, and learning outcomes of students studying health science at Walailak University, a study of factors contributing to the acceptance of students in the TCAS system, a study of factors affecting low academic outcomes of first year students in the School of Informatics, Walailak University, and an application of concept mapping in the teaching of outline writing, etc.

Increase collaboration with private agencies, especially regarding high-technology workplaces and organizations that support cooperative education projects





Development of modern cooperative education to be the pioneer in the national arena: The aim is to develop graduates that are "capable in academic work, skilful in practicum and employable" and to ensure that cooperative education students have the skills and expertise recognized by the entrepreneurs equal to students in the programs monitored by Councils of Professionals. To that end, starting in the third semester of the academic year 2021, the University has extended the cooperative education practicum at a workplace from 1 semester or 4 months to 8 months so that the students will have a chance to better develop their professional skills.

Regarding cooperative education overseas, the University has prepared the students by surveying the number of interested students in the second year upwards and organized foreign language proficiency tests to develop their readiness for their cooperative education internship or work placement abroad.

Lay the basis for long-term development of the University towards becoming a World Class University by adopting internationalization in the creation of graduates, offering high-quality international programs in disciplines that are highlights of the country and those that attract students from overseas, as well as providing an environment that is conducive to student life equal to international standards

Opened 4 colleges, namely, Walailak University International College, Akkhraratchakumari Veterinary College, International College of Dentistry, and College of Graduate Studies with the numbers of students as follows:

- 1) Walailak University International College currently has 21 students.
- 2) Akkhraratchakumari Veterinary College has 46 undergraduate students and has its own small animal hospital to conduct the teaching and learning, produce research, as well as provide veterinary services at international standards. This will be a crucial mechanism in upgrading the University's veterinary studies to world standards.
- 3) The International College of Dentistry was the second institution in Thailand to offer an international program in Dentistry. The college accepts both Thai and foreign students under the concept "International Standard Dentistry College". It has also adopted the "Digital Dentistry" concept and digitized all its instructions. Currently, there are 16 undergraduate and 19 Master's degree students.
- 4) The College of Graduate Studies currently has 81 students—44 Master's degree and 37 Ph.D. students (31 of which are students from China).

Revolutionize English language instruction by establishing the School of Languages and General Education to be responsible for English Gen Ed. Over 90% of the instructors are native English speakers who provide English language lessons for 2 years or 6 semesters to the students. At the same time, the University requires that every program use English as the medium of instruction in at least 25% of all subjects and no less than 50% in the third year upwards so that the students will be able to use English in their daily life and be able to compete in the world arena. It has been found that the number of students who have taken English Gen Ed were able to pass the course at a higher proportion. In the third semester of the academic year 2019, 99.70% of students passed the course, compared to 97.65% in the second semester of the academic year 2019. The number of students receiving grade F has also come down from 73 to only 11.

Provide 22 scholarships and research funding for graduate students: Of this number, 12 were funding for research and 10 were scholarships for graduate studies.

Improve the environment to suit internationalization: This includes the development of laboratories to be Smart Laboratories, introducing Smart Mobility electric shuttle buses on campus and Smart Security CCTV installation throughout the University to ensure 24-hour security. The University also encourages students to undertake their cooperative education practicum abroad, renovation and modernization of the Sport Complex and Fitness Center to international standards, creation of Walailak Garden as a recreation spot for the University students, staff and the general public of Nakhon Si Thammarat province and other neighboring provinces. More importantly, the University is in the process of constructing Walailak University Hospital to be the most state-of-the-art hospital in the upper South which will further boost the reputation of the University.

Provide standardized and sufficient instructional resources and media to support quality teaching and learning, namely, library, laboratory, and information technology system necessary for modern education

The Center for Library Resources and Educational Media has been developed to be a "Living and Digital Library". Five areas of services include e-Resources, e-Services, e-Training, Digital Content and Learning Space. The resources and media supporting the teaching and learning include 207,924 books, documents, booklets, research papers and theses, 260 printed journals and 9,487 electronic books, 27 electronic database, e-journals, and e-thesis. In addition, a Smart Classroom has been set up to cater to online instruction and active learning. A variety of online lessons are offered, such as Thai MOOC for life-long learning and the creation of studio-production video clips that instructors can use in their teaching. The Center also provides recording devices that instructors can use to record their own lessons using Swivl, as well as recording studios that the instructors can use to teach online.

The Center for Scientific and Technological Equipment: In the fiscal year 2020, the Center proposed a plan to develop a Smart laboratory in the fiscal years 2022-2025 with a budget of 45,687,300 baht. The proposed Smart laboratory system will consist of 3 sub-systems, which are information technology system, audiovisual system, and the network system that can transmit audio and video signals, recordings of lessons and assessments as well as control the entry-exit, lighting and air-conditioning systems.

The Center for Digital Technology: The Walailak University Digital Technology Development Plan (a 4-year plan for the years 2021-2024) was set up to provide objectives for the development of the University for the present and future. The plan is in accordance with the strategy to develop the University to become a Smart University. The projects which are underway include:

- Smart Infrastructure: install Walailak University Hospital network system
- Smart Organization: develop budget, supplies and finance modules
- Smart Learning: to be developed and added into e-Learning module
- Smart Hospital: develop modules for Walailak University Hospital
- Smart Transportation: collaborate with Krungthai Bank to develop a tracking system and seat vacancy checking system for the electric shuttle bus
- Smart Farming: Development of IoT system in the chicken farm

The University has also begun work on becoming a virtual university by planning the creation of an online learning platform for the learners. This platform will be linked to the Thai MOOC system which allows learners to choose the courses they wish to enrol in and collect learning credits which can be transferred to the credits at Walailak University in the future. (At the moment the University's system is in the process of being linked to Thai MOOC.)









Produce quality graduates to meet the needs of the National Strategy

Develop desirable characteristics of good graduates and promote activities that help develop students' academic and social potential, quality, knowledge, virtue, discipline, responsibility and public mindedness—being both "virtuous and capable"



Development of desirable qualities in graduates by following the UKPSF focusing on encouraging learners to develop their thinking, analyzing, synthesizing and other 21st century skills. Focus is also on training students to become lifelong learners. It is mandatory for each course to include 21st century skills in its course description and learning activities, and assessment has to correspond to the constructive alignment concept.

Learning resources and media which are in accordance with the course objectives and course description are provided at the levels suited to the ages and interests of the learners. In addition, technology has been incorporated into the teaching and learning to maximize the students' learning efficiency and also to provide them with opportunities to hone their digital skills with various classroom applications that help create interactions between the instructors and students such as PollEv, Padlet, Nearpod, etc. Moreover, technology has also been used in transforming the learning environment as can be seen in the development of Smart Classrooms in which technology is available to aid instruction such as in recording the lesson in the form of video that the students can play back for revision any time. Also, English is incorporated into all courses and the instructor must use English on their PowerPoint

slides and use English as medium of instruction in 25% of courses offered in the second year and 50% of courses offered in the third year to ensure that the students will have the English skills they need for their future career (employability skills).

Utilize both formative and summative assessments in accordance with the expected learning outcomes of the courses and curriculum under the Constructive Alignment concept, with details specified in Thai Qualifications Framework for Higher Education or TQF 3 that has been developed based on UKPSF and AUN-QA frameworks. Both specific skills and generic skills will be assessed in each topic or module, and each course will set specific and clear assessment rubrics for both formative and summative assessment, assessment time frame, regulations such as in cases of absence due to health issue or tardiness, ratio of scores, grade ranges as well as clear scoring rubrics. The instructors need to inform the students of all these at the start of the semester, and the information will appear in both TOF3 and on the course site.

Owing to the University's efforts to develop quality graduates in response to the needs of society, the University has become more successful in producing quality graduates. The survey of graduates of the academic year 2018 found that the percentage of Walailak University graduates who found a job, furthered their study or set up their own business within a year was 93%, and 87% of employers hiring graduates reported being satisfied with Walailak University graduates.

Teach the students to be good people: Each student is issued a "Good Person Passport" during their time at Walailak University and the information technology system has been developed to record, follow up on, and track their scores as well as make sure they display appropriate conduct. Those with good scores are recognized and commended. Moreover, the University also promotes a culture of gratitude, discipline, public mindedness and leadership. Regarding discipline, emphasis is placed on the campaign to encourage the wearing of safety helmets for motorcycle riders and student uniforms. The students are also encouraged to be public minded and a Volunteer Center manages and organizes activities to develop students in many aspects such as social development and volunteer activities addressing natural resource and environmental conservation, maintenance of ethics and good moral, sports and good health, discipline promotion, art and culture conservation, etc.

Promote students' potential to be capable, virtuous and happy through support systems (Smile & Smart Center): Advisors are trained in how to give consultation to advisees and consultation services as well as psychological test services are provided along with self-improvement activities, and assistance with study such as through tutorials provided by the Tutor Center. The University also has a system to monitor the achievement of the students and survey the problems and needs of each individual by meeting with students who have a low GPA at the end of the semester. Moreover, the University also evaluates each School's annual performance outcome based on their success in providing assistance to the students in their care who have a low GPA, as well as encouraging participation in student development activities which are in accordance with the Passport system and activities that promote the University's culture among student body such as virtue, gratitiude, discipline, social mindedness and leadership.









Encourage students to take part in academic competition at both national and international levels to inspire them to succeed as well as learn of their own academic ability when compared to others at national and international levels and build an academic network for future academic collaboration













This year, Walailak University students were awarded prizes from various national and international competitions. For instance, students from Schools of Management were awarded "Best Paper" and "Best Presentation" at the 9th PSU Trang National Conference on Research across Disciplines 2020. Students from the School of Agricultural Technology and Food Industry won first prize (gold medal) at "Thailand New Gen Inventors Award" (I-New Gen Award 2020) for the Higher Education category. The Foundation of Science and Technology Council of Thailand awarded the "Quality Youth Scholarship of the Year 2019" to a student from the School of Science, and a student from the School of Informatics was awarded 3rd prize at the "Media Ethics" (Jub Jong Song Jariyadham Sue) event hosted by the Press Council. Students from the School of Informatics were also 2nd Runner-up and awarded the Best Innovation Award at the "Build On Thailand 2020" contest and became representatives of Thailand to compete at the international level at "Build On, ASEAN 2020" in October 2020.

Encourage graduate students to produce quality academic work that is recognized in academic circles by organizing thesis contests for Master's program as well as Ph.D. students, setting up networks of both regional and national universities to collaborate in hosting the event at which the students can present their work collaboratively with international students.

Improve admission strategies and criteria to be more diverse and suit the program requirements as well as correspond to the nation's changing population

Create a mechanism to attract as many top students as possible to enrol in the University by ensuring that every high achievers wishing to study at Walailak University will be able to do so



Set appropriate tuition fees of each discipline to reflect the University's investment and what the graduates will receive

Promote the image of the University campus as a green and happy 'University Town'

Develop the infrastructure and landscape of the University to be on par with leading universities in Thailand, especially the development of Walailak Botanic Park as a learning center for the students as well as the public

Construct and renovate the infrastructure: In the fiscal year 2020, the Division of Landscaping and Buildings has undertaken 11 construction projects within the University using a budget of 759,480,480 baht.







Develop Walailak Botanic Park: The University aims to develop its botanic park to be the most outstanding in the South and make it a learning center as well as tourist attraction. This year, the University has received a budget totaling 127,902,280 baht to support its operation of 50 projects under the Plant Genetic Conservation Project under the Royal Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn. Some major projects, such as the construction of the Natural History Museum, hosting the 6th Regional Conference and Exhibition of School Botanic Parks and Local Resources at Walailak University, were originally scheduled to take place in August 2020, but have been postponed due to the COVID-19 situation. Moreover, the University also has a project to conserve and promote Nakhon Si Thammarat's indigenous rice strain, a project to collect and propogate various banana species, and a project to develop a learning center of traditional Thai medicine and herbal medicine folk wisdom located in the Walailak Botanic Park, for example.

Improve the maintenance system of the buildings and environment to meet international university standards

Have effective treatment of solid waste and wastewater that correspond with the recycling concept, encouraging all personnel to be aware of proper waste disposal and recycling of waste water to water plants on campus

Ensure that the traffic system within the University is efficient, with allocation of parking spaces in such a way that it is easy to use. Focus is also on safe use of vehicles on the road.

Speed up the renovation of the student and university staff dormitories as well as the surrounding environment so that they can have a happy life on campus. The University aims to become a Residential University and creates lively environment and landscape to make the dormitories feel like a second home to the students and university staff alike.



Speed up the renovation of facilities such as laboratories so that they can be fully functional and be appreciated by the University students and staff as well as visitors. Other infrastructure and facilities are also developed to serve the University students, staff and visitors to the University









Promote a University Town atmosphere to attract students and University staff to spend the majority of their time on campus with the provision of facilities that can be found in a city, making it a Residential University





Encourage communities surrounding the University, especially the commercial communities, to adhere to the University Town concept

Conserve energy through the design of new energy-saving buildings which are environmentally friendly. Students are also taught to have awareness of environmental conservation through the Environmental Conservation course—a compulsory foundation course that students of all disciplines must take.

The Green University Project is an agency set up in accordance with the University's strategy to make Walailak University a leading green university of Thailand. Various projects have been undertaken in the past year such as hiring a contractor to provide e-bus or electric shuttle bus service on campus to serve the students, staff and visitors to the University. This provides comfort as well as ensures the safety of passengers on board with a tracking system allowing users to track the bus's whereabouts so that they can plan their trip. The University also commissioned a contractor to manage the University's energy conservation which the University pays for in instalments with the money saved each month. All lightbulbs, indoors and outdoors, including streetlights, have been changed to LED. The plan to

change air-conditioners (Phase 1) that have been in use for over 10 years to save energy is expected to be completed by the end of the fiscal year 2020 to be followed by Phase 2 in the fiscal year 2021. This has cut down energy use by 60%. A Solar rooftop system with 2,000 kWp capacity to generate electricity for use in the University and Walailak University Hospital will begin production in the fiscal year 2021. This is a clean energy project which aims at reducing electricity consumption. Contractors are in charge of electricity generation using solar cells and sell the electricity at 30% lower cost than that sold by the Provicial Electricity Authority (PEA). Moreover, technology has been introduced into the management of electricity consumption such as a streetlight control system and air-conditioning control system in the classroom through Wi-Fi based on information in the Walailak University database so the streetlights will come on and off at the programmed time. This can be controlled via Smart Phone, so the lights can also be turned on or off as necessary thus minimizing energy consumption.



Promote a collaboration network with stakeholders to develop the University

Strengthen collaboration between the University and government and private organizations at both local and national levels

Research collaborations with the government sector: These include collaborations such as a research in collaboration with the Pak Phanang Basin Area Development Project Under Royal Initiatives to solve problems in the area, and the signing of an MOU between Walailak University and the Administrative Center for the Pak Phanang Basin Area Development Project under Royal Initiatives to collaborate in project to ensure job security in Pak Phanang basin, Nakhon Si Thammarat Phase 2. The University is also a part of the Food Innopolis network, the Upper Southern Education Network, and research projects under the Plant Genetic Conservation Project under the Royal initiative of Her Royal Highness Princess Maha Chakri Sirindhorn (RSPG), etc.

Research collaboration with the private sector: The Science and Technology Park of Walailak University has collaborated on research projects with private agencies such as a project to design and construct a 3MW prototype nuclear gasification reactor, a project to design and improve production of wood pellets from rubber tree saw dust using animal feed production machinery, a feasibility study of grade A palm oil production using continuous microwave technology, etc. In addition, the University has also set up a research industrial park project to conduct research on marijuana, hemp and kratom for medicinal use in collaboration with Green Pharmacy Co, Quad Play (Thailand) Co Ltd, and Rich Today Co Ltd.

Academic cooperation: The University has academic service networks with 27 organizations such as the Thai Frozen Foods Association, Nakhon Si Thammarat Strategic Office, Betagro Public Company Limited, Tiang Chirathivat Foundation and Central Group Co Ltd, National Electronics and Computer Technology Center, Nakhon Si Thammarat Municipality, and the National Research Council of Thailand (NRCT), etc.

Cooperative education collaboration with organizations at all levels:

- At the provincial level: The Provincial Federation of Industries, Provincial Chamber of Commerce, and the Employment Office
- At the regional level: the Upper Southern Cooperative Education Network, Cooperative Education Development Network in 9 regions

 At the national and international levels: the Thai Association for Cooperative Education (TACE), the World Association for Cooperative Education (WACE), WACE International Satellite Office for the Asia-Pacific region at SUT (WACEISO@SUT), participation in meetings, academic conferences, research, committee, and exchange of cooperative education students between nations to promote the University's cooperative education mission.

In the academic year 2019, the Center for Cooperative Education and Career Development signed an MOU with 3 overseas establishments. The two establishments in Malaysia are 1) Top Glove Sdn Bhd. Malaysia, and 2) Pullman Kuala Lumpur Bangsar, and one establishment in Vietnam which is Melia Hanoi.

Host international and national conferences to provide a stage to present research results and exchange knowledge between researchers and interested parties as well as organize a research contest to feature in the University's academic journals

Under the University's operational plan, all Schools are to organize at least one national or international conference per year. However, due to the COVID-19 situation, this had to be postponed. This year, some major international conferences include:

Organizing the "6th ASEAN School on Plasma and Nuclear Fusion" hosted by the Center of Excellence in Plasma Science and Electromagnetic waves of School of Science, Walailak University Hosting "The Belt and Road" China -Thailand Universities Internet and Education Summit Forum under the theme "The Development of Online Education in the AI Era".

Promote collaborative networks with government agencies, private agencies, communities and education networks both in Thailand and overseas to achieve progress in the teaching and learning, research and other aspects

Sign MOUs with overseas educational institutions: In 2020, the University signed 18 MOUs, bringing the number of MOUs signed with overseas universities and organizations in 26 countries up to 73 in total. Among these, academic collaboration projects that have been undertaken continuously and yielding significant results account for 92%.

Establish the Agritech and Innovation Center (AIC): to increase competitiveness in agriculture and promote agricultural technology and innovation. The Ministry of Agriculture and Cooperatives has chosen Walailak University as location of the center for Nakhon Si Thammarat.



Promote collaboration between the University and University Alumni both in academic and other aspects of development at the University, conducting needs analysis of alumni in the real world as well as raising funds to develop the University

Exchange students, faculty staff and university support staff in a Student & Staff Mobility project with domestic and overseas educational institutions and entrepreneurs



Pursue research funding from both government and private sectors as well as international organizations

Manage the University assets to enhance the University's potential and competitiveness

Bring in income from copyrights or patents from the University's research that has business potential

Copyrights or patents from the University's research: This year one research/innovation was patented, namely, the Anti-Acne Gel Made of Biocompounds (Bacteriocin) by Assoc. Prof. Dr. Monthon Lertcanawanichakul of School of Allied Health Sciences. In addition, 27 research/ innovations are in the process of applying for patents.

Commercial value of 6 research and innovation projects totaling 2,182,261 baht includes:

- 1) Sale of research products on "วันนักประดิษฐ์ 2020" 10,000 baht
- 2) Biological Control Production and Service Center for Agriculture 1,097,761 baht
- 3) Sale of a library management system to Suratthani Rajabhat University 498,000 baht
- 4) Sale of a library management system to Buriram Learning Center 200,000 baht
- 5) Benefit allocation from the Provincial Police Region 3 Training Center of the Royal Thai Police, Nakhon Ratchasima 41,000 baht
- 6) Product study commission from Sophist Development Co Ltd 335,500 baht

Establish projects and plans to develop the University in accordance with the national development plan, including drafting a master plan to utilize the University's land, especially for research, as well as set up business-oriented projects to obtain income to develop future education in the University

Operate a Smart Farm Center, a state enterprise that has its own management and is self-reliant, utilizing modern agricultural management system and technology in its operation. It also maximizes the use of waste land and problem areas. Its major projects include:

- Model automated closed-system egg-laying hen house: The Center collaborated with Charoen Pokphand Foods PCL to operate an automated closed-system hen house. The facility is equipped with a control box that controls lighting, ventilation, water pump system, and monitors temperature and humidity, controls the cooling pad which helps control the temperature inside, humidity monitoring equipment, automatic feeding system, etc. This serves as both learning and training center for the University and outside agencies.
- 2) Model automated closed-system pig farm (Green Farm): The Center received financial support from Charoen Pokphand Foods PCL to build 3 pig fattening piggeries with a total capacity to hold 650 pigs. The piggeries are equipped with standard equipment, biogas system for waste treatment and generator to produce electricity for use on the farm, complying with zero-waste agriculture. There is also a waste odor treatment system in accordance with the Green Farm policy.
- 3) Produce production project: The project to produce 11 fruits including durian, jack fruit, mangosteen, salacca, and aromatic coconut has continued from last year, and this year more fruits have been added to the project, namely, tubtim Siam pomelo, banana and sugar cane. The Center also supports the research project on the "Development of Comprehensive Coco Production" of Ass. Prof. Dr. Visaka Anantawat of the School of Agricultural Technology and food Industry, Walailak University.
- 4) Sale of produce such as guava, eggs, palm oil, etc. In addition, pests and weeds are eradicated regularly. Ditches have been dug in the orchards so as to drain excess rainwater during the rainy season and to store water during the summer months or periods of drought. Plant watering is carefully planned, and the University's Landscape Unit has provided manpower to help maintain the orchards.



Set up projects to develop the University's property run by the University's property management center to earn income for the University. The projects include the management of hygiene in the canteens, marketing promotion and improvement of services of the Sports and Health center, the University Bookstore, provision of venues for meetings/conferences or other purposes as well as accommodation for participants to those events (dormitories and Ruen Walai) and services at White Road Theme Park. This year's turnover stood at 47,679,279.04 baht, 27,879,142.73 of which was profit.

Seek funding from donation and returns from investment to create new opportunities for the University

The Walailak University Hospital Development Fund was founded on November 9th, 2017 by Walailak University Decree, and has since then received continuous donations. Currently, the amount stands at 29,980,344 baht in total.

Raising funds for the construction of "Srithammaracha" Priest Hospital; Walailak University, together with Nation TV 22, Kiatpetr Promotions Co Ltd Nakhon Si Thammarat, and the Srithammaracha Foundation, organized a Thod Phapa ceremony (Buddhist monk robe-offering ceremony) and held a foundation stone laying ceremony on February 9th, 2020 at the Walailak University Hospital to raise funds for the construction of a 94-bed Srithammaracha Priest Hospital. The ceremony was presided over by Chaophrakun Somdetphra Dheerayanmunee, Abbot of Wat Debsirindrawas Ratchaworawiharn, representing the monks, and Mr. Thaworn Senniam, Deputy Minister of Transport, representing the laymen. The construction of the 94-bed "Srithammaracha" priest hospital aims at providing medical treatment and care for Buddhist monks as well as priests of all religions. The construction cost of approximately 500 million baht is expected to come entirely from donations from the public. Of this amount, 170 million will be for the building whereas 120 million baht will be for the medical equipment. The operation costs will be paid for by the Srithammaracha Foundation. Apart from the Thod Phapa ceremony and foundation stone laying ceremony in the morning, a boxing match "Srithammaracha



Fight & Kiatpetr Super Fight" was also held at a makeshift boxing ring in front of Architecture Building, Walailak University in the evening of the same day. There was also a special match between Jimmy Chawala and Sontiyarn Chuenruthainaitham (Jimmy Sit Ramasigh VS Toy Ta Pho). The donations amounted to 147,700,900 baht.

Yields from investment: Performance at the end of the third quarter (October 2019 – June 2020) yielded an average of 0.315% return on investment or 2.476 million baht. The low return was due to the global economic crisis.

Public & Private Partnership policy to encourage the private sector to take part in a joint venture with the University in the development of the University Town

Joint venture project with Tekatatn Co Ltd to build a dormitory for Walailak University Hospital staff Joint venture project with Tekatatn Co Ltd to develop student dormitories for the School of Medicine, School of Nursing, and School of Pharmacy

Joint venture project with Panyadee Education Co Ltd to set up British Panyadee International School, Nakhon Si Thammarat

Joint venture with Asian Solar Co Ltd to build Walailak University Solar Farm

Joint venture project with Tekatatn Co Ltd to develop a riverside restaurant at Walailak Park

Joint venture project with Tekatatn Co Ltd to develop a commercial zone in front of Walailak

University campus

Improve the potential of the Medical Center so that it can be a pillar of public well-being in the South



Collaborate with the private sector to bring in efficient equipment to the Hospital, minimizing investment and budget, as well as set up a medical equipment development fund so that the Hospital can offer state-of-the-art medical services

Collaborate with JSP Pharmaceutical Manufacturing Thailand Plc in biotechnology and health product innovation

Collaborate in fertility technology academic development and research, and a bilingual program in Medical Technology with Safe Fertility Cwnter Co Ltd

Collaborate with U.P. Marketing General Co Ltd in developing health product innovation using nanotechnology

Join in a venture with Green Pharmacy Co Ltd in the development of drugs made from marijuana **The Walailak University Hospital Development Fund** aims at providing opportunities for all sectors including the general public, business sector, and government to support the development of Walailak University Hospital, the education and research as well as professional development of the Hospital's staff. Currently, the amount stands at 29,980,344 baht.

Emphasize area-based health-related research focusing on long term follow up in order to create innovation which is a prototype in an international arena

- Research project on the basic public health system, care of the elderly and patients of chronic illness
- Develop a research project on the use of herbs and herbal medicine analysis to explore suitable medicines for the protection against and treatment of COVID-19
- A study to find substances in medicinal herbs that have potential to be used as a new malaria prevention medication

Moreover, other projects include the Livable Communities in the Upper South Unit which is the project that has received research grants for 3 consecutive years, the "Surat Model Technology Transfer: model used in predicting risk areas and monitoring Aedes Aegypti larvae index to solve the dengue fever problem from the household to province level for key health persons in 7 provinces in the upper South", Development of topical mosquito repellent made from Kangwan plant, the separation of medically-beneficial microbes from fermented rice to use in Thai traditional medicine, a study of the properties of pepper, garlic, and 5-Leaf ginseng to decrease blood cholesterol by blocking PCSK 9 in HepG2 liver cancer in humans, and the use of herbs to promote wellness in the communities in Nakhon Si Thammarat.

Integrate research in the field of Health Sciences with other multidisciplinary fields such as infectious disease from animals to humans and material science for medical innovation development

Encourage research collaboration: Walailak University's Research Institute for Health Sciences (RIHS) and Health Systems Research Institute (HSRI) and the Institute of Research and Innovation serve as the core sectors that promote the collaborative research work of the University's faculty members with outside agencies in both state and private sectors. They also encourage multidisciplinary collaboration within the University so that the goals can be reached faster, more efficiently and in a more cost-effective way. The development begins from the readiness of the faculty members on the researcher database, the Schools' strategies, the gathering of researchers in the centers of excellence, and the readiness in terms of research equipment and durable goods in the University. Then, research plans are set and interested researchers are invited to take part in meetings to share their opinion and seek partners in developing research questions. They then sign an MOU to collaborate on the research, with each party having a clear role to play. In 2020, the University had a total of 26 multidisciplinary research publications in international journals between health sciences and other disciplines.

Speed up the construction of Walailak University Hospital and its infrastructure as well as set up an operational plan so as to achieve the University's intended objectives

Phase I of the construction of Walailak University Hospital's 5-storey Administration Building (Building A), the 9-storey Hospital Building (Building B, C, and D), and the Hospital Staff Residential Homes consisting of a 4-storey of 160-unit R1 Building, a 3-storey of 80-unit R2 Building for single occupants, and 3 3-storey of 60-unit family residence as well as 25 2-storey R4 single houses has been completed. As for the construction of Phase II, the contractors have been selected and the University is now in the process of preparing the construction contract. Procurement of 111 durable goods for the fiscal year 2020 has also been completed and 8 registered medical physicians have been recruited to join the Hospital team.

Walailak University Hospital has been offering services to outpatients since November 2017 with most being the university staff and students. After the completion of the construction, the hospital will be a 120-bed facility in 2021 and 419 beds in 2022. When combined with the 94 beds of Srithammaracha Priest Hospital, the Hospital will be a 513-bed hospital. The number of beds will be increased to 750 in the future, making it a large hospital center in the northern part of the Southern region boasting over 3,000 medical personnel, offering services in 14 specializations to an average of 500,000 patients per year.

Construction of Srithammaracha Priest Hospital The Srithammaracha Foundation, together with Mr. Chai Bunnag, Director of Nation Broadcasting Corporation Plc, Mr. Sontiyarn Chuenruthainaitham and other interested members of the public, have organized a Thod Phapa ceremony (Buddhist monk robe-offering ceremony) to raise funds for the construction of a 94-bed Srithammaracha Priest Hospital for priests from all areas to receive medical treatment and recuperate. The event, as well as the foundation stone laying ceremony, took place at Walailak University Hospital on February 9th, 2020. Those who wish to donate to support the construction may contact the Srithammaracha Foundation directly or transfer the donation into account number 302-299776-0. At present the donations have amounted to 147,700,900 baht.



The management of the hospital is jointly conducted by the Schools of Health Sciences and Walailak University Hospital. Teaching duties, research duties and clinic duties have been set, as well as the remuneration ratio between the three parties (practitioners, the Hospital, and the Schools). Job descriptions are evaluated using appropriate mechanisms. The staff can provide clinic services during office hours and receive compensation.

Registration as a primary care unit according to the National Health Security Code According to the National Health Security Code, Walailak University Hospital is a primary care unit and has been a regular service unit since October 1, 2017. It provides medical services to university students as well as the general public. Currently approximately 7,406 people have registered on the Universal Health Coverage Service.

Improve the remuneration for Walailak University Hospital staff

Set job descriptions to all division supervisors at all levels The University has assigned job responsibilities for all division heads in the University's organization at all levels as well as set KPIs for those under their supervision. A committee has been set up to survey a Training Needs Survey at both individual and departmental levels so as to prepare a Training Years Plan. Rules and regulations regarding human resources services were studied to ensure they correspond to the operational plan. A departmental organization within Wilailak University Hospital has also been reviewed and discussed with experts so that the structure will support the operation of the Hospital in the future.

Promote the use of information technology in developing and improving services

Promote the use of information technology used in the Hospital: Walailak University Hospital has worked closely with the Digital Technology Center to prepare a project proposal to request a budget allocation for use in the development of the Hospital's information technology system worth 337,166,794.00 baht to be submitted to the Ministry of Digital Economy and Society. The proposal has been approved in principle. The Hospital received an allocation of 37-million-baht budget for the fiscal year 2019, and 220 million baht for the fiscal year 2020, and 47 million baht in the fiscal year 2021.

Compatibility with the National Health Security Office (NHSO) database and relevant agencies: Founded on August 21, 2017, Walailak University Hospital is a state hospital whose database is linked to the direct reimbursement of medical expense system of the Comptroller General's Department. This has allowed the medical service recipients who receive the government official's direct reimbursement to use their priviledge at the Hospital with ease since November 2019. Eligible people are able to access the system by using their national identification card to check their coverage through an EDC machine without having to register their names in the direct reimbursement database with the Hospital.

Survey of customer satisfaction: Patients of Walailak University Hospital were asked to complete a customer satisfaction survey after receiving the service in each department. The results were collected and summarized monthly. They showed that most customers were satisfied with the service (4.32) or 86.40%. The survey responses also provided suggestions for improvement which the Hospital will use to improve its services in the future.

Promote the University Hospital to become a center of excellence that serves the needs of the people and medical staff. Efforts have been made to establish collaboration with Thai medical doctors in the United States

Provide medical services to the students, university staff and general public, offering outpatients care including General Practice Clinic, Eye Clinic, Optometry Clinic, Contact Lens Clinic, Pediatric Clinic, "Rak Jai" clinic (Psychiatric Clinic), Internal Medicine Clinic, Chronic Disease Clinic, Allergies and Asthma Clinic, Obstetrics and Gynecology Clinic, Ear Nose and Throat Clinic, Breast Clinic, Family Medicine Clinic, Physical Medicine and Rehabilitation Clinic serving on average 200 patients each day.

Development of medical personnel: Walailak University Hospital aims to develop its staff by encouraging the residents to attend specialist programs in various fields such as Child and Adolescent Psychiatry, Ophthalmology, Surgery, Obstetrics and Gynecology, Otolaryngology, Cardiothoracic Surgery, Diagnostic Radiology, Orthopedic Surgery, Pediatrics, Dermatology, Neorosurgery, Internal Medicine, and Medical Physics.

The establishment of Excellence Centers for 1) cancer 2) cardiovascular diseases 3) geriatrics and palliative care 4) skin and beauty 5) traveling medicine (integrating medical care, language, tourism, transport, etc.)

Six Health Science Centers of Excellence have been established as follows:

- (1) Center of Excellence in Health System and Medical Research
- (2) Center of Excellence for Melioidosis Research
- (3) Center of Excellence for Dengue Research and Academic Service
- (4) Drug and Cosmetic Excellence Center
- (5) Research Excellence Center for Innovation and Health Products
- (6) Center of Excellence for Public Well-being

Research, teaching and learning, and medical services are integrated in the research laboratories and research service department of Walailak University Hospital—a teaching and research hospital unlike ordinary super tertiary care hospitals.

The development of Walailak University Hospital as practical internship venue: Walailak University Hospital provides general practice medicine as well and specialized medical services for outpatients. In the future, it will increase the scope of its services to cater to the needs of people in the upper part of the southern region. It will also serve as a source of teaching and learning as well as of research in health sciences. In the past, Walailak University had to send the medical students to Vachira Phuket Hospital and Trang Hospital for training as it did not have its own hospital. Therefore, the establishment of Walailak University Hospital not only provides medical care to the public, but it also serves as a training hub for medical students and other health science students. Moreover, the Hospital also provides medical research opportunities and helps develop specialized medical doctors in the south. At present, it hosts continuous streams of health science students on their professional trainings. Currently, the University is in the process of preparing for application of Hospital Accreditation (HA).

Strategy 9

Enhance the capabilities of students in terms of sports and healthtential in sports and health



Encourage students to participate in intramural and intervarsity sporting events and build cooperation with outside organizations to promote sports and good health

Encourage students to participate in sporting events: Due to the COVID-19 pandemic, many sporting events have been cancelled or postponed, thus reducing the number of events that the students could participate in. The students did, however, take part in 4 events and received 6 awards from the mountain bike race and badminton match, namely, the 26th Asian Mountain Bike Continental Championships, H.D.Y. International Badminton Championship 2019, Cindy Charity Game 2020, and the MHESI Games 2019.



Support sports and health promotion activities organized by the Schools, Student Organization, Student Council, and Student Clubs and encourage all students to participate in the events so that they will have good health and sportsmanship

Organize programs to promote sports for students' health: The University has continuously allocated a budget for the organization of sports and recreation promotion for the students and university staff. In 2020, a total of 32 programs were organized including 6 badminton competitions, 4 football matches, 4 aerobic exercise programs, 12 swimming races, 2 tennis matches and 5 other sporting events. Some major events included Walailak Badminton Champion League 2019, Artificial Turf Youth Football Match, and Aerobic for Health Program, for example.

Renovation of sports facilities and provision of instructional sports equipment

Renovation of the Walailak University Sports and Health Center has been completed. The University boasts 8 competition-grade tennis courts, small and standard-sized swimming pools, a golf driving range, badminton courts, volleyball courts, an artificial turf football field and football field. In 2020, The University allocated a budget of 29,955,529.91 baht for the renovation of the main stadium. Both the design blueprint and budget for the fiscal year 2021 were approved.

Sports quota admissions to increase access to education to students in the southern provinces

Walailak University sent applications for sports quota admissions to its undergraduate programs for the academic year 2020 and was able to fill 7 out of 10 quota allocations. Of these, 4 were admitted into the School of Management, 1 into the School of Public Health, 1 into the School of Agricultural Technology and food Industry, and 1 into the School of Political Science and Laws. The University also started offering a Bachelor of Science Program in Sports and Exercise Science in 2020 with an aim to allocate more sports quota admissions for Thai athletes in the future.

Key Events in the Fiscal Year 2020

Commencement ceremony for the academic year 2018





Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana was designated by His Majesty the King to preside over the commencement ceremony for the Academic Year 2018 at Walailak University on Monday November 4th, 2019 at Thaiburi Building Main Auditorium, Walailak University. A total of 1,805 graduates attended the event. The University Council also awarded an Honorary Doctor of Philosophy degree in Medical Technology to Dr. Sukhum Karnchanapimai, and an Honorary Doctor of Philosophy degree in Landscape Architecture to Mr Kamphol Tansatja.

Commencement ceremony for the academic year 2019

Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana was designated by His Majesty the King to preside over the commencement ceremony for the Academic Year 2019 at Walailak University on September 25th, 2020 at Thaiburi Building Main Auditorium, Walailak University. A total of 2,031 graduates were awarded Bachelor's degrees, Master's degrees, and Doctoral degrees.





October 2019

President and the management team of Walailak University congratulates the new governor of Nakhon Si Thammarat



Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, and the management team of Walailak University visited Nakhon Si Thammarat City Hall on October 8th, 2019 to deliver a bouquet of flowers to congratulate Mr. Siripat Pattakul, Governor of Nakhon Si Thammarat, on his new appointment.

Chinese Language Online Testing Center

Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, Mr. Zhao Min, CEO, Beijing National Center for Open & Distance Education, China, and Mr. Zhao Guoxiang, Vice-Director of ASEAN Chinese Testing International Service Center (Thailand), signed an agreement between Walailak University and the Bejing National Center for Open & Distance Education to become a Chinese language online testing center. Present at the ceremony taking place in the Moklan Meeting Room in the Administrative building on October 9th, 2019 were Mr. Zhao Mingguang, Director of ASEAN Chinese Testing International Service Center (Thailand) and the management of the two parties.



November 2019

"Managerial Strategies for Change" Workshop for the management



Walailak University organized a "Managerial Strategies for Change" workshop from November 15–17, 2019 at Noraburi Resort and Spa, Koh Samui, Surat Thani province with the aim to provide management opportunities to develop managerial strategies and work plans that align with the University's policies and objectives, adopting OKRs (Objectives and Key Results) to set performance goals and create awareness of the University's managerial strategies to create change among the management so as to increase the University's competitiveness.

Akkhraratchakumari Veterinary College's Small Animal Hospital held a basic Laparoscopic Surgery Training for a team of veterinarians

Akkhraratchakumari Veterinary College's Small Animal Hospital welcomed teams of veterinarians participating in the "Basic Laparoscopic Surgery and Ovariohysterectomy" training conducted by Dr. Elise Robertson, Zoology Consultant for the University of Sydney, Australia, University of Luxembourg, Luxembourg, and the Colorado State University, USA on Friday November 15th, 2019 in the Small Animal Hospital laboratory.





December 2019

"Zero Tolerance : Thais Don't Tolerate Corruption" International Anti-corruption Day



The Management, staff and students of Walailak University took part in the "Zero Tolerance: Thais Don't Tolerate Corruption" event on December 9th, 2019 at Ligor City Hotel, Muang District of Nakhon Si Thammarat.

The signing of the operational certification for the fiscal year 2020

Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, along with a management team consisting of the Vice Presidents, Deputy Vice Presidents, Faculty Deans, Directors and all Division Heads totalling 57 people, took part in the signing of the operational certification for the fiscal year 2020 on December 11th, 2019 at the Rachawadee Meeting Room, Academic Building 7, School of Allied Health Sciences.



January 2020

Walailak University signed an MOU to set up an Agritech and Innovation Center (AIC)



Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, signed a Memorandum of Understanding to set up an Agritech and Innovation Center (AIC). The ceremony, taking place on January 30th, 2020 at the Ministry of Agriculture and Cooperatives, was presided over by Mr. Chalermchai Sri-on, Minister of Agriculture and Cooperatives, and was attended by the executives from 12 universities and 2 centers of excellence.

February 2020

Foundation stone laying ceremony for Srithammaracha Priest Hospital





Walailak University, Nation TV 22, Kiatpetch Promotions Co Ltd Nakhon Si Thammarat, and the Srithammaracha Foundation co-hosted the Thod Phapa ceremony and foundation stone laying ceremony to raise funds for the construction of the "Srithammaracha" Priest Hospital Building. Chaophrakun Somdetphra Dheerayanmunee, Abbot of Wat Debsirindrawas Ratchaworawiharn, representing the clergy, and Mr. Thaworn Senneam, Deputy Transport Minister, representing the laymen, presided over the ceremony which took place on Sunday February 9th, 2020 at Walailak University Hospital, Nakhon Si Thammarat.

March 2020

Due to the spread of Corona Virus 2019 (COVID-19), all forms of teaching and learning were cancelled during March 19 to April 1, 2020 and online instruction began on April 2, 2020.



April 2020

Walailak University adopted 100% online instruction to cope with the COVID-19 pandemic



On April 2, 2020 Walailak University adopted 100% online instruction to cope with COVID-19 pandemic, utilizing various programs and applications, namely, Microsoft Teams, Google Meet, Zoom, Jitsi, and Webex, together with other online programs and instructional media. All lectures were conducted online and recordings of lessons were made available 24 hours a day, while

practicum was postponed until the COVID-19 situation improved. Meanwhile, the University provided high-speed internet SIM cards for students in need so that they could have access to online instruction. The students and parents were assured that the University had put in place stringent measures to screen and prevent the spread of COVID -19, making the campus Covid-19-free zone.

May 2020

The President of Walailak University inspected the progress of construction work and affirmed that the work would be finished on schedule





WU Residence Student Dormitory

Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, along with Assoc. Prof. Dr. Suwit Wuthisuthimethavee, Vice President for Administrative Affairs, Assoc. Prof. Dr. Sarawoot Palipoch, Vice President for the Student Affairs, and Assoc. Prof. Dr. Siwarit Pongsakornrungsilp, acting Director of Asset Management Center, inspected the progress of the construction of the road, parking lot, and interior design of WU Residence and urged that responsible parties finish the work on schedule.

Inspection of the construction of Central Building 6

Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, and a team of construction supervisors inspected the construction of the Central Building 6 after appointing Siam Thammanon Co., Ltd. as the new contractor. The President urged that the construction be completed on schedule.





Inspection of the progress of Large Animal Hospital construction



Inspection of the progress of the renovation of Walainiwas 3 Building

Inspection of the progress of the construction of the roads around the Natural History Museum and Resevoir 1





Inspection of the renovation progress of 2 buildings of Walailak University International College of Dentistry



Inspection of the renovation of the Center for Advanced Oral Health on Rama VI Road and Walailak University International College of Dentistry on Ranong II Road, Bangkok

June 2020

Meeting of the Agritech and Innovation Center (AIC) Managerial Board



Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, presided over the 10th meeting of the Agritech and Innovation Center (AIC) Managerial Board, Nakhon Si Thammarat taking place at the Sri Pratch Meeting Room, 3rd floor of Nakhon Si Thammarat City Hall on June 10th, 2020. The aim was to develop innovation and solve problems for farmers.

Welcome of Mr. Varawut Silpa-archa, Minister of Natural Resources and Environment

Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, Assoc. Prof. Dr. Suwit Wuthisuthimethavee, Vice President for Administrative Affairs, and University personnel welcomed Mr. Varawut Silpa-archa, Minister of Natural Resources and Environment, and other executives on their site visit to inspect the job creation project for people affected by the COVID-19 pandemic in Nakhon Si Thammarat on June 26th, 2020 at the Main Auditorium, Thaiburi Building.



July 2020

Auspicious blessing ceremony on the occasion of Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana's birthday on July 4th, 2020



Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University presided over the auspicious blessing ceremony organized by Walailak University on the occasion of Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana's birthday on July 4th, 2020 at the Thaiburi Auditorium.

Meet the Parents

Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, management as well as faculty staff and university personnel welcomed the parents of students in the 'Meet the Parents' event on July 10th, 2020. The event was attended by over 2,500 parents and took place at the Main Auditorium, Thaiburi Building, Architecture Building and Central Buildings.



Orientation of the new intake (the 23rd bouquet of Pradu) in the 'new normal' way



Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, together with management, faculty members, university personnel and senior students joined in the orientation ceremony to welcome the new intake (the 23rd bouquet of Pradu) on July 11th, 2020 at the Main Auditorium, Thaiburi Building. Social distancing was observed in compliance with COVID-19 protocol. The ceremony was broadcast live via Zoom to over 80 rooms in the Central Buildings and Architecture Building.

August 2020

Donation of positive pressure chambers by SCG and Siriphan Cement Co., Ltd.



Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, together with Dr. Likit Matrakul, Director of Walailak University Hospital, and the Hospital Management Team received 2 positive pressure chambers worth 200,000 baht from Siam Fiber Cement Group (SCG) and Siriphan Cement Co., Ltd. on Thursday August 13, 2020 at Walailak University Hospital.

Opening ceremony of Industrial Technology Promotion Center (iTEC)

Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, Ass. Prof. Dr. Anurak Thungtong, Director of Walailak Science Park, Mr. Thanarak Phongphatar, Vice Chairman of the Federation of Thai Industries, Mr. Noppadon Hothiwong, Senior Advisor of Innovation Technology Assistance Program (ITAP), National Science and Technology Development Agency (NSTDA), Mr. Punpermsak Aruni, Human Resources



Development Specialist from Office of the Ministry of Higher Education, Science, Research and Innovation (MHESI), Mr. Surin Sirichayanon, Chairman of the Federation of Industries, Nakhon Si Thammarat, Mr. Korakot Tetiranand, President of Nakhon Si Thammarat Chamber of Commerce, Mr. Navee Thaichamnan, representative from Nakhon Si Thammarat Industry Office and distinguished guests took part in the opening of the Industrial Technology Promotion Center (iTEC) of Walailak Science Park. The event took place on August 20th, 2020 at the Innovation Gallery, floor 1, Technology and Innovation Development Building.

September 2020

Opening of "Walai-Khom Arch"



Prof. Dr. Wijit Srisa-arn, President of the University Council, Walailak University, presided over the opening of the "Walai-Khom Arch". The event was held at 07.59 a.m. on September 21st, 2020 and was attended by University executives, faculty members and personnel.



MHESI Minister inspected the Blue Crab Bank project "Returning Blue Crabs to the Thai Sea"

Minister of Higher Education Science Research and Innovation, Adjunct Professor Dr. Anek Laothamatas, went on a site visit to inspect the progress of the Blue Crab Bank project "Returning Blue Crabs to the Thai Sea" on September 26th, 2020 at the Blue Crab Learning Center, Baan Nai Tung, Tha Sala district, Nakhon Si Thammarat. Prof. Dr. Sombat Thamrongthanyawong, President of Walailak University, and executives gave a warm welcome.



Pramaha Vuttichai Wachiramatee chose Walailak Garden as venue for the shooting of the "Komtham Prajamwan" program



Pramaha Vuttichai Wachiramatee chose Walailak Garden as a venue for the shooting of "Komtham Prajamwan" program which airs Monday to Friday at 07.20 a.m. on Channel 7 HD. Assoc. Prof. Dr. Surin Maisrikrod, Vice President for International Affairs and Instructional Development, and Asst. Prof. Dr. Nukul Suksuwan, Assistant Vice President for Building and Facility Operations welcomed Pramaha Vuttichai Wachiramatee and gave a tour of the University.

Appendix

Statistics

Financial Report

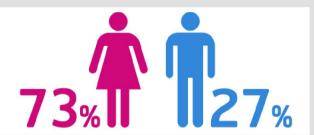
Editorial



STATISTICS

STUDENT GENDER

2,227 MALE STUDENTS 6,102 FEMALE STUDENTS 8.329 TOTAL STUDENTS



STUDENTS

7,922 UNDERGRADUATE

310 MASTERS 97 DOCTORAL

38 INTERNATIONAL



DEGREE AWARDED

2,063 UNDERGRADUATE

57 MASTERS15 DOCTORAL

2.078 TOTAL STUDENTS



ACADEMIC STAFF

346 FEMALE

40 INTERNATIONAL 3 RESEARCH STAFF

610 TOTAL ACADEMIC STAFF



INSTITUTIONAL INCOME

69,205,115 RESEARCH INCOME

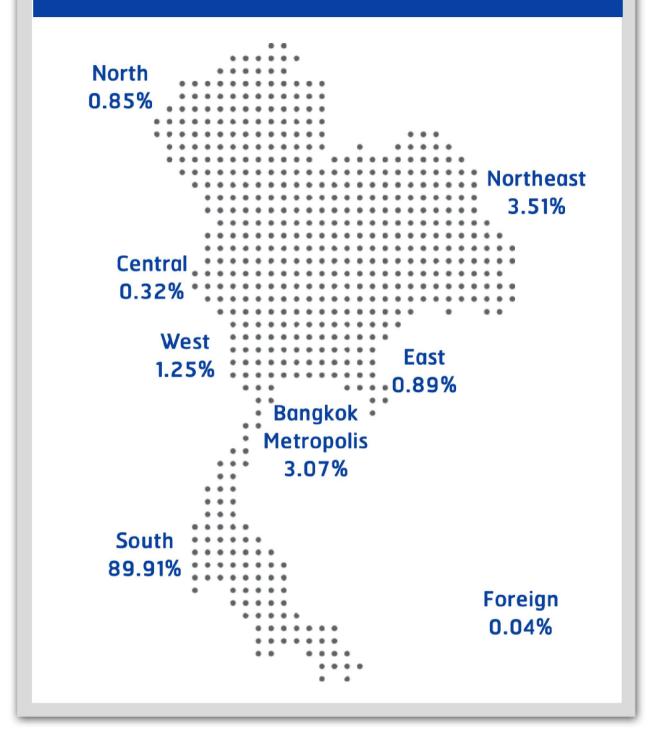
7,895,843 RESEARCH INCOME FOR INDUSTRY & COMMERCE

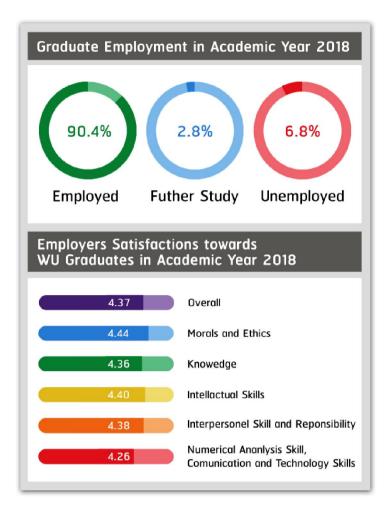
2,691,122,400 TOTAL INSTITUTIONAL INCOME

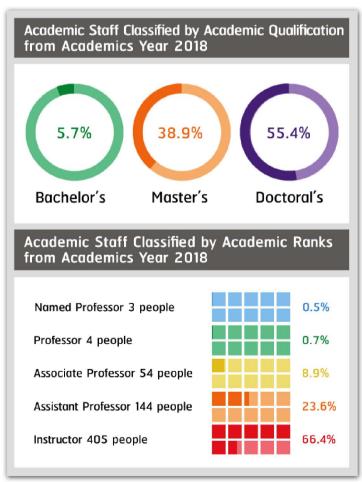
(scal Year 2020)		
	Art &	Clinical and	Engineering
	Humanity	Health	33
Number of Academic Staff (FTE)	103	283	
Number of International Academic Staff (FTE)	33	1	
Number of Female Academic Staff (FTE)	58	201	
Number of research staff (FTE)	0	1	
Number of Students (FTE)	1113	3105	5
Number of International Students (FTE)	9	7	
Number of Female Students (FTE)	879	2633	2
Number of Undergraduate Students (FTE)	1128	3011	5
Number of Masters Students (FTE)	5	90	
Number of Doctoral Students (FTE)	10	4	
Number of Undergradate Degrees Awarded(FTE)	328	492	2
Number of Dotoral Degrees Awarded (FTE)	0	0	
Number of Research Dotoral Degrees Awarded FTE)	0	o	
Number of Professional Dotoral Degrees Awarded(FTE)	0	0	
Total Institutional Income			
Total Research Income	3,325,692.38	21,849,110.91	3,023,490.
Total Research Income for Industry & commerce	290,000.00	542,036.36	179,473
Total nesearch income for industry & commerce	290,000.00	342,036.36	179,475.
	Computer		Physical
	Science	Life Sciences	Sciences
Number of Academic Staff (FTE)	35	46	501011000
Number of International Academic Staff (FTE)	0	0	
Number of Female Academic Staff (FTE)	16	22	
Number of research staff (FTE)	0	0	
Number of Students (FTE)	623	331	1
Number of International Students (FTE)	8	8	
Number of Female Students (FTE)	224	256	1
Number of Undergraduate Students (FTE)	585	267	1
Number of Masters Students (FTE)	21	31	
Number of Doctoral Students (FTE)	17	33	
Number of Undergradate Degrees Awarded(FTE)	180	170	
Number of Dotoral Degrees Awarded (FTE)	5	5	
Number of Research Dotoral Degrees Awarded FTE)	5	5	
Number of Professional Dotoral Degrees Awarded(FTE)	0	0	
Total Institutional Income			
Total Research Income	6,560,414.12	6,521,053.49	17,891,996
Total Research Income for industry & commerce	1,200,000.00	814,333.33	4,870,000
	Social Sciences	Business and	Laur
	Social Sciences	Economics	Law
Number of Academic Staff (FTE)	21	50	
Number of International Academic Staff (FTE)	0	4	
Number of Female Academic Staff (FTE)	8	34	
Number of research staff (FTE)	0	0	
Number of Students (FTE)	738	1449	2
Number of International Students (FTE)	0	7	
Number of Female Students (FTE)	456	1146	1
Number of Undergraduate Students (FTE)	738	1307	2
Number of Masters Students (FTE)	0	136	
Number of Masters Students (FTE)	0	6	
	203	359	
Number of Undergradate Degrees Awarded (FTE)			
Number of Dotoral Degrees Awarded (FTE)	0	2	
Number of Research Dotoral Degrees Awarded FTE)	0	2	
Number of Professional Dotoral Degrees Awarded(FTE)	0	0	
Total Institutional Income Total Research Income	3,754,559.75	6,087,597.18	191,20

Total Research Income for industry & commerce









Walailak University

Statement of Financial Position On September 30, 2020 and 2019

Assets	2020	Unit: Baht 2019
Current assets		
Cash and cash equivalent	378,037,172.87	901,542,644.48
Short-term receivables	20,259,724.99	84,378,055.95
Short-term investments	1,950,430,643.09	1,256,433,155.57
Inventory	11,680,642.85	9,537,323.28
Supply	4,843,556.92	4,922,905.72
Other current assets	33,033,639.15	58,254,584.63
Total current assets	2,398,285,379.87	2,315,068,669.63
Non-current assets		
Long-term receivables	1,158,346.58	2,446,819.25
Prepaid expenses	374,246.58	474,520.55
Long-term investments	59,556,286.39	63,852,635.69
Land, estate and equipment – net	4,371,549,709.56	3,713,792,712.57
Intangible assets – net	25,635,485.60	28,924,025.33
Other non-current assets	40,760,016.86	44,419,108.43
Total non-current assets	4,499,034,091.57	3,853,909,821.82
Total assets	6,897,319,471.44	6,168,978,491.45
Liabilities		
Current liabilities		
Short-term payables	102,567,897.26	110,610,323.83
Short-term deposits	27,027,428.73	3,559,772.68
Other current liabilities	15,318,607.44	19,694,112.59
Total current liabilities	144,913,933.43	133,864,209.10
Non-current liabilities		
Long-term deposits	98,839,235.56	76,153,123.97
Other non-current liabilities	15,394,431.31	12,629,911.13
Total non-current liabilities	114,233,666.87	88,783,035.10
Total liabilities	259,147,600.30	222,647,244.20
Net assets	6,638,171,871.14	5,946,331,247.25
Net assets / capital		
Capital	1,600,559,750.86	1,500,014,148.77
Profit (Loss) of accumulated expenses	5,054,414,627.10	4,441,691,453.04
Other elements of net assets / capital	-16,802,506.82	4,625,645.44
Total net assets / capital	6,638,171,871.14	5,946,331,247.25

Walailak University

Statement of Financial Performance On September 30, 2020 and 2019

Acceptance	2020	Unit: Baht 2019
Assets Current assets		
Earnings from budget	1,719,967,700.00	1,893,655,100.00
Earnings from providing products and services	2,914,523.00	695,635.00
Earnings from educational management	468,772,368.00	412,185,509.71
Earnings from university assets	4,671,985.30	4,912,777.25
Earnings from nursing services	35,789,226.06	27,425,728.21
Earnings from academic services and projects	106,785,209.72	210,542,086.28
Financial support from Enterprise Units	80,957,503.66	80,347,541.65
Financial support and donations	63,313,669.40	70,597,110.39
Other earnings	73,625,462.27	73,863,624.76
Total earnings	2,556,797,647.41	2,774,225,113.25
Expenses		
Personnel	939,110,514.52	868,381,792.63
Honorgrium	23,651,417.54	25,513,550.64
Operational costs	169,346,447.85	185,899,408.83
Supplies	85,362,645.52	78,570,950.06
Amenities	59,146,852.83	63,717,107.02
Depreciation and amortization	350,457,417.98	269,960,533.42
Hardware and Office supplies	9,549,315.08	6,755,825.52
Subsidy	189,329,287.66	218,275,036.97
Other expenses	19,626,236.94	16,843,221.06
Total expenses	1,845,580,135.92	1,733,917,426.15
Profit (Loss) before financial expenses	711,217,511.49	1,040,307,687.10
Financial expense	-	-
Profit (Loss) of net expenses	711,217,511.49	1,040,307,687.10

Editorial

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