



THAMMASAT

Sustainability Report 2022



SUSTAINABLE
DEVELOPMENT GOALS





THAMMASAT UNIVERSITY
Rangsit Center



THAMMASAT UNIVERSITY



SDGs

@Thammasat

Let's achieve the SDGs together
with Thammasat

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Rector's *Statement*



Thammasat University, a prominent academic institution in Asia, has been guided by the principle of "For the People" since its establishment in 1934. Throughout our history, we have served as a wellspring of knowledge, quenching the curiosity of the public and advocating for the values of people, democracy, and social justice.

In the contemporary context, the world faces pressing global challenges, including climate change, pervasive inequality, and the enduring ramifications of the COVID-19 pandemic. These challenges affect individuals globally and will continue to impact both current and future generations, transcending geographical boundaries to touch every corner of the world. To remain true to the core tenet of "For the People," Thammasat University must broaden the scope of this philosophy, extending our commitment to encompass not only the Thai populace but all of humanity, and actively addressing these critical global issues.

In my role as the Rector of Thammasat University, I firmly believe it is time for our institution to take a proactive role in global solutions, aiding in the pursuit of the Sustainable Development Goals (SDGs) worldwide. Sustainability has now been seamlessly integrated into our policies, fortifying our pre existing sustainability endeavors, and fostering fresh and transformative initiatives at all levels, across each faculty, college, and campus within the university.

Throughout 2022, we introduced a range of sustainability programs and policies, with some building upon the foundation of our ongoing sustainability efforts. On behalf of Thammasat University, I take great pleasure in presenting our Sustainability Report for 2022. This report stands as a testament to our unwavering commitment to being a driving force in resolving the profound global challenges we face today.

G. Wita.

Assoc. Prof. Gasinee Witoonchart
-Rector



THAMMASAT UNIVERSITY
Pattaya Center





END POVERTY

IN ALL ITS FORMS EVERYWHERE

Thammasat University addresses poverty issues in the communities by providing the public with educational opportunities, including scholarships for both national and international students with low income, hiring people in the local area of Pathum Thani and neighboring provinces, and organizing activities to reduce poverty in Thailand.



Financial aids for students

Thammasat University provides various types of scholarships to support students with financial difficulties and low-cost accommodations for national and international students.



Types of Scholarship	No. of Scholarship	Economic Value (Estimated Value in USD)
Full scholarships	166	400,065
Partial scholarships	924	776,981
COVID-19 impact scholarships	2,124	231,929
Student loans	4,829	8,806,468
Total scholarships	8,043	10,215,442

Knowledge and activities for poverty reduction

Thammasat University students partake in courses and projects that involve knowledge transfer to local communities with the aim to improve their capability in creating added value and inspire the development of local products. Examples of these projects include:

Creative Young Designers Season 2



Creative Young Designers is a project to improve the competitive potentials of the production and design sectors and to encourage the younger generations to incorporate local identities into new design products. This project allows design students to work on their designs and engage with local communities. The participants of Season 2 learned from the Fabric Weaving Group of Banlongmud Village in Songkhla province on their weaving techniques from dyeing fibers with local natural raw materials to the finishing. More than 200 loincloth designs from the participants were presented to the Weaving Group, and 24 of which were selected for production.

In the second part of this project, which will focus on developing products from sedge, the participants will learn about local conditions and issues to guide their product development. The developed prototypes will serve as design guidelines for local products to reach new target groups. This project is attended by the network of universities that offer product design majors, such as Silpakorn University, Poh-Chang Academy of Arts, Rajamangala University of Technology Rattanakosin, and The University of the Thai Chamber of Commerce. This project will allow the participants to learn to work with natural raw materials and exchange knowledge and ideas with students from other universities, help the local economy to grow with stability and according to its potential, and support SMEs in increasing their contribution to Thailand economy.

Action Research Project on “Guidelines for Sustainable Development with Local Engagement and Innovations”



This action research project is a 3-year collaboration project from March 2021 to March 2024 between the Electricity Generating Authority of Thailand, the Institute for small and Medium Enterprises Development, Association for Developing Human Potentials and Giftedness, and Thammasat University with School of Global Studies as the operating unit.

This objectives of this research project are to test and find methods to develop people of different age groups and gender identities in local communities for them to be able to figure out novel approaches to deal with various issues by combining their knowledge and technology, and to experiment in creating model communities that apply the SDGs as their self-development milestones in developing systems, activities, and ways of life that are appropriate for the conditions of the communities. The knowledge and

experiences from these model communities will be used for future classes and academic services for the public. The communities that participate in the research project are from 3 regions, which are:

North-eastern region in 6 communities and 10 villages

Southern region in the following main areas:

(1) Yansue Subdistrict, Khuan Don District, Satun Province, (2) Khuan Don Subdistrict, Khuan Don District, Satun Province, and (3) Sapan Mai Kaen Subdistrict, Chana District, Songkhla Province

Eastern region in 3 areas: (1) Ban Khlong Hua Chak Community in Bang Pakong Subdistrict, Bang Pakong District, Chachoengsao Province, (2) Tha Kham Subdistrict, Bang Pakong District, Chachoengsao Province, and (3) Community Enterprise of Bang Pakong Power Plant Neighborhood in Chachoengsao Province



Integrative Sub-District Economic and Social Development Project: University to Tambon (U2T)



Thammasat University participated in the Integrative Sub-District Economic and Social Development Project and is responsible for the area of Bang Krabue sub-district, Sam Khok district, Pathum Thani province. This project helps in developing local communities in several aspects with the focus on economic and social development. It involves technology and knowledge transfer to promote creative tourism economy and circular economy in the community and establishment of community enterprises to improve the local economy. Some of the efforts integrate the University's curriculum, such as in the area of public health to promote and educate people on how to manage and cope with the spread of COVID-19, and in the area of occupational therapy to promote working and employment in the community.



A project that stems from this U2T project is Community Product Development: Developing prototype products for the community, which supports and encourages each community to use local wisdom resources to develop products and services to create the selling points, added values and market demand that is in line with the local culture and way of life based on the principles of community self-reliance.

Due to the economic effect from COVID-19, Thammasat University' U2T project prioritizes the upgrading of community OTOP products to create additional value, such as banana chips, potato chips, taro chips, salted egg, and chili paste, which led to 15% increase in annual product sales.

Thammasat Business School Cooperates with Community Friend Association to drive Thammasat Model Season 7 supporting 9 community enterprises to create value-added through new generation ideas



Thammasat Business School signed a memorandum of cooperation (MOU) with Community Friend Association – Thammasat Model Project Season 7/2022: Promoting the development of community enterprises and local economy groups in Map Ta Phut Complex area according to the Thammasat model approach” This cooperation involves the development of the local economic system, the expansion of ideas to improve products to meet the needs of customers, and the increase of competitiveness with other products in the market. In addition, this cooperation between the government, private sectors and educational institutions shows their commitment to build community enterprises that have a strong foundation and can be self-reliant and sustainable, by focusing on the Sufficiency Economy Philosophy through the following operations: Production, Packaging, Marketing, and Accounting.

Over the 5-month period, the participating students have worked with the community enterprises to achieve the objectives. Unlike previously where the chairmen of the community enterprises are the sole operator, now laborers are officially employed in the production line for a reasonable distribution of income to the community members. However, due to the COVID-19 epidemic situation, the current revenue of community enterprises may not reflect the reality, as the community enterprises are unable to sell products at trade fairs. The participants also introduced the community enterprise members to account logging, making them able to manage their income and create account logs appropriately, as well as created a profit policy for the sustainability of the enterprises. Currently, the community enterprises’ online sales and promotion channels have 173 likes on Facebook and 234 followers on Instagram (as of 8 May 2022). The participants also requested customers’ opinions to develop and improve the products and operations of the community enterprises with the ultimate goal to ensure that the community enterprises can stand on their own and continue their business systemically and sustainably after completing the Thammasat model project.

“Thammasat Model” wins Silver Award from Association of MBAs



Thammasat Business School (TBS) submitted “Thammasat Model” and won Silver Award in “Best Lifelong Learning Initiative 2021” from the Association of MBAs (AMBA). Thammasat University was the only educational institution in Thailand and the ASEAN countries that was one of the 6 finalists. Professor Dr. Ruth Banomyong, Dean of Thammasat Business School stated that TBS encouraged the students and graduates to apply their knowledge in improving and driving the global society, so TBS had collaborated with Government Savings Bank and Community Friend Association, Rayong Province to create “Thammasat Model” to be a model and a guideline for improving the quality of life of community enterprises with 3 main keys: The first key is that ‘Thammasat Model’ is a course in IBMP or the 5-year program that allows the students to apply their knowledge in real life and solve real problems from the communities as their challenging problems.

The second key is that the communities must have ready and up-to-date practical skills to successfully run a business. The last key is that the industrial organizations that are TBS partners will bring their expertise and direct experiences to share and develop career for the communities. The project that won the award is from Kh-long Nam Hu Community Enterprise in Rayong Province. The community’s products are Thai cloth marinated in rice milk and ready-made garments. Throughout the 6-month period, the students went into the community, analyzed the problems in product design, marketing, accounting, and distribution channel, created the branding and added new products including protective masks and cloth bags with modern design to expand the target to the younger generation.



Knowledge and activities for poverty reduction Thammasat University Lampang Center organized an academic cooperation meeting on the promotion of cultural tourism in Lampang

The executives and staff of Thammasat University Lampang Center, led by Assoc. Prof. Dr. Supreeya Kaewla-iad, the Vice Rector for Administration (Lampang Center) and Legal Affairs, Asst. Prof. Dr. Saowathan Phoglad, the Director of Thai Khadi Research Institute, and Assoc. Prof. Dr. Anyanitha Distanont from the Master of Science Program in Innovation and Technology Management, organized a meeting on academic collaboration between Thammasat University Lampang Center, Lampang Rajabhat University, Tourism Authority of Thailand, Thai Khadi Research Institute, and the Community Product Promotion through E-Commerce Committee of Thammasat University Lampang Center to discuss on the promotion of cultural tourism in Lampang province. The academic partners, namely Thai Khadi Research Institute and Lampang Rajabhat University, have compiled research and knowledge on the history and community potentials of Lampang province which can be integrated with the public relation policy of the Tourism Authority of Thailand to promote Lampang as a cultural tourism spot. By combining prior knowledge with the identity and culture of Lampang through the stories of the cultural spots, Lampang can create new experiences for tourists, create added values for local tourism, and promote local economic development.

100,000 UD House

Thammasat University, led by Rangsit Center Administration Office and the Universal Design Research Unit, has developed and delivered 100,000 UD House, which is designed according to the Universal Design concept, to the Lat Sawai Municipality, Pathum Thani province. This is under 'Thammasat UDC', a collaborative project between Thammasat University, Lat Sawai Municipality, and Pathum Thani Provincial Social Development and Human Security Office. It is also a part of Thammasat effort to utilize our research capability to service local communities by improving the environment and facilities for elderly persons and persons with disabilities.

Workshop for 23 organizations and 15 community enterprises in Satun province

CEIS (Community Empowerment & Innovation for Sustainability) organized a workshop for 23 organizations and 15 community enterprises in Satun province.

The organizations included various agencies in charge of promoting crop production, crop quality, marketing, research and development labs, energy development, industry promotion, etc.

The governor opened the event. Aj. Jitti made a lecture on how to synchronize various agency plans for sustainability. Participants participated actively and helped making it a success. All were satisfied with the meeting process, content, and the rapport created in the workshop.



CEIS and Satun Province organized a workshop on upgrading turmeric-based products.

On June 29th, 2022, Community Empowerment & Innovation for Sustainability (CEIS) collaborated with Satun province in organizing a workshop on upgrading turmeric-based products to support local communities through the product development stages and promote turmeric as an alternative medicine to create sustainable economy for the farmers in the province. The workshop was attended by more than 25 organizations, including government agencies, local administrative organizations in Satun Province, civil society, Prince of Songkla University, and the Satun Provincial Herbal Community Enterprise Network. This workshop aimed to improve the quality of life of elderly households by supporting and developing the cultivation of turmeric in Satun province to meet the medicinal standards and upgrading into Satun Provincial Herbal Community Enterprise Network. During the workshop, the participant organizations jointly designed a coordination mechanism between partner organizations that drive turmeric at the provincial level and laid out guidelines for creating a comprehensive action plan for the development of turmeric-based products using innovation, technology, and local wisdom to make turmeric an economic herb and create added value for turmeric products to raise the quality of life for farmers in Satun Province and effectively respond to the demand for health products in both domestic and international markets.



Thammasat Lampang organized Lampang 2022's 'U2T for BCG' Product Exhibition



Thammasat University Lampang Center welcomed Dr. Danuch Tanterdtid, Secretary of the Minister of Higher Education, Science, Research, and Innovation, and the project monitoring committee to 'U2T for BCG in Lampang' exhibition held at TU Craft Space, Service Innovation Building in Thammasat University Lampang Center. The exhibition showcased the products developed under the U2T for BCG project that are supported by Thammasat University Lampang Center from 10 sub-districts in Lampang province. Mueang Yao Sub-district: Lemongrass mosquito repellent spray and Broadleaf plantain herbal balm

Nong Lom Sub-district: Herbal scented sachets, herbal mix for body steaming and foot soaking, and cooking workshop of local dishes, namely Nam Prik Laab and Laab Moo Khua.

Mae Mo Sub-district: Vermicompost and gardening set, and workshops on Thai massage and making keychains.

Thung Ngam Sub-district: "Chomm" herbal products, "Hukmai Handmade" crochet bags and crafts, and ECO Print workshop.

Hua Mueang Sub-district: Sesame rice papers (Khao Puk) and "Tata" naturally dyed cloth bags.

Mae San Sub-district: Grilled rice field crab chili dip and tomalley dip.

Nikhom Phatthana Sub-district: Lanna paper-cuts lantern making workshop.

Ban Kio Sub-district: Products from rice, scented candles, and scented candle making workshop.

Pong Saen Thong Sub-district: Cassumunar ginger oil and soap.

Ban Bom Sub-district: Lanna-style chili paste and ECO Print cloth bags.





END HUNGER,

ACHIEVE FOOD SECURITY AND IMPROVED
NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

Thammasat University's aim is to strive toward achieving a zero-hunger tolerance goal. The attainment of this goal can only be possible through capacity building workshops and raising awareness through training workshops, research, and activities/ special programs. Some of the proposed initiatives in place include:

Agriculture area for food production on campus

Thammasat University allocated areas for farming on campus. This is a great effort to provide the community with access to organic vegetables and reduce the carbon footprint due to transportation. The farm produce is sold to the community at affordable prices as an attempt to help in the reduction of food expenses..



TU Community Kitchen

The University has a policy of reducing student's food expenses. This has been made possible by setting up community kitchens at the dormitory area. The kitchens are equipped with stoves, kitchen utensils, and cleaning supplies. Students have free access to vegetables and herbs that are grown in the community gardens around the dormitories. These vegetables are organic and free of charge.



DOMELICIOUS

#เมนูโดมนิยมน

**เมนูยอดนิยมนของชาวธรรมศาสตร์
ในราคาไม่เกิน 20 บาท!**



Affordable food price in the University

The University has been making efforts to provide affordable food and free drinking water in all the canteens. Thammasat has a total of 15 canteens across 4 campuses. By 2020, Thammasat achieved the target of providing affordable food, with the lowest main dish price of 0.75 USD, and installing free drinking water dispensers in all canteens.

During the COVID-19 epidemic in 2021, the University acknowledged how the economic crisis during this critical time affected the community. Thammasat University, therefore, requested for cooperation from all the food outlets on campus to offer affordable menu choices that are below 20 THB, approximately equivalent to 0.50 USD, which turned out to not only benefit students and the staff but also serve as a promotion of the participating food shops.

HOMELESS DAY 2022

Thammasat University Tha Prachan Campus, led by Assoc. Prof. Dr. Surat Teerakapibal, the Vice Rector for Administration (Tha Prachan) and International Affairs, together with Asst. Prof. Dr. Adipon Eua-jarusphan, the Assistant to the Rector for Administration (Tha Prachan Campus), participated in Homeless Day 2022 by collecting cloth and daily product donations and forwarding them to homeless people at Lan Khon Muang, in front of BMA Bangkok City Hall.



Thammasat Dormitory

Thammasat University dormitory focuses on providing a complete living experience for our students and staff. The 320,000-square-meter accommodation area is designed to overcome overlapping functions of the space. Green spaces are abundant and connected through bicycle lanes. Shared kitchens equipped with cooking utensils are available in all zones of the dormitory, allowing the students to make home-cooked meal themselves.

‘Creating a space for living’ is the heart of the Thammasat dormitory. This leads to the creation of open and baking kitchens which opens the opportunity for the students to try wider range of cooking. Reading and co-working spaces creates a friendly academic environment. Exercise spaces and gyms promote work-life balance and reduce stress. Second-hand product market was also created to promote a community of sharing and recycling.

International Joint Research Center on Food Security (IJC-FOODSEC)

Thammasat University, in collaboration with National Science and Technology Development Agency and Queen's University Belfast, established International Joint Research Center on Food Security (IJC-FOODSEC) with the aim to create world-class research on food security and safety all through the supply chain in the ASEAN region.

IJC-FOODSEC will focus on research and development of food and animal feed innovations with emphasis on the development of production technology that reduces the loss during the production and maximizes the utility of resources to improve profit margins. Besides, IJC-FOODSEC will also focus on creating added values for agricultural products and biological resources as well as researching on food safety, especially on mold toxins, that will raise the standards and skills of entrepreneurs in Thailand and the ASEAN region to become the center of global food production and export.



Food safety and hygiene assessment

Property and Sports Management Office together with the Faculty of Public Health, Thammasat University organized food safety and hygiene assessment in October 2022 at all 4 canteens of the Rangsit Campus. The qualified food stalls must pass the food sanitization standards for canteens as of 30 November 2022. All the qualified stalls received a quality batch that confirmed the stall had passed the food hygiene and safety assessment according to the cafeteria sanitization standard requirements of the Department of Health.







ENSURE HEALTHY LIVES

AND PROMOTE WELL-BEING FOR ALL AT ALL AGES



Number of graduates and publications in health sciences from Thammasat University

Thammasat University offers education and training in the health sciences, consisting of Faculty of Medicine, Faculty of Allied Health Sciences, Faculty of Dentistry, Faculty of Nursing, Faculty of Public Health, Faculty of Pharmacy, and Chulabhorn International College of Medicine. During 2018–2022 academic years, there were 5,303 graduates in health science majors, accounting for 11.63% of the total number of graduates from Thammasat University. The students and staff in health science faculties of Thammasat University produced 1,326 research publications during 2019–2021 academic years, which accounts for 36.62% the total 3,621 publications from Thammasat University.

Number graduating in health professions

Academic year	2018	2019	2020	2021	2022
Proportion of graduates in health professions	8.0%	10.0%	11.6%	14.1%	14.2%
Number of graduates	8,291	9,557	9,474	8,899	9,372
Number of graduates in health professions	663	952	1,100	1,257	1,331

Number and proportion of publications in medical and health research during 2019–2021 academic years

Academic year	2020	2021	2022
Number of publications in medical and health research	347	459	520
Total number of publications	1036	1191	1394
Percentage	33.49	38.54	37.30



Thammasat's provision of public health services during COVID-19 epidemic

Thammasat University Hospital is a tertiary-level university hospital with a potential to provide comprehensive treatment across all disciplines with the current capacity to serve 3,000–4,000 outpatients daily and support inpatients in our 750-bed facility.

During the COVID-19 epidemic from August 2021 to December 2022, Thammasat University Hospital was able to accommodate 1,693 COVID-19 patients that were referred from district and provincial hospitals in Pathum Thani and other provinces in Public Health Region 4, including university hospitals in UNOSNET network in Bangkok metropolitan area.

From the beginning of the COVID-19 pandemic in Thailand, Thammasat University has prepared for the situation by setting up a treatment system for the students and the staff of Thammasat University as well as for the public to ensure equal access to the treatment system for all. The treatment system that Thammasat University has prepared for COVID-19 patients consists of 3 main treatment systems, which are 1) treatment in Thammasat University Hospital for moderate and severe case patients, 2) treatment in Thammasat University Field Hospital for mild cases, and 3) Home Isolation system for asymptomatic patients who can take care of themselves to minimize the number of patients and accommodate new patients in the Field Hospital.



COVID-19 Management in local communities

At the peaks of COVID-19 epidemic, Thammasat University Hospital set up teams to perform COVID-19 testing survey in the local communities with high risk and among Thammasat students and staff. Thammasat call center was also set up to assist and reduce the load of Mor Prom application in urgent cases.

Besides, Thammasat University Hospital was one of the 6 university hospitals that were selected to be the distribution centers of Remdesivir, a new antiviral medication with higher efficacy than Favipiravir, for patients with moderate symptoms. Thammasat University Hospital has also ordered 200,000 courses of Molnupiravir antiviral medication and signed an agreement with the pharmaceutical company in India for the third phase efficacy testing and clinical trial of the medication in COVID-19 patients.



Vaccine Management and Distribution for Thammasat students, staff, and the public

Thammasat University Hospital established the Vaccination Center at Thammasat University Rangsit Campus at Gymnasium 4 which was in operation for 161 days and administered as many as 300,000 doses of vaccines.

The registration system for the vaccination center was jointly developed by Thammasat University Hospital and Thammasat School of Engineering. The registration for Astra-Zeneca vaccine started on 7 June 2021, with a daily quota of 2,000 vaccine doses. Besides, Thammasat University Hospital also offered vaccine registration through its own 'TUH for All' application starting in July 2021.



Thammasat Hospice and Palliative Care Center and International Palliative Care Collaborating Center (IPCCC)



As an institution that prioritizes education in the social sciences, natural sciences, as well as health sciences, Thammasat University has established 'Thammasat Hospice and Palliative Care Center' and 'International Palliative Care Collaborating Center (IPCCC)'. The centers offer comprehensive palliative care services to ensure the quality of lives of terminal patients, both in terms of health and relationships, with the integration of medical science, nursing, and law services.

The Care Center will cooperate with Thammasat University Hospital in transferring and taking care of the patients who have been diagnosed as terminal with a humane, multidisciplinary approach to ensure their good death among families and friends. This center is not a chronic care center and is not restricted to only the elderly, but for people of all ages that have been diagnosed as terminal. If the patients' prognosis becomes better during the palliative care or the families wish for care in hospital, the center will transfer the patients to the destination hospital. Additionally, the center also offers training service for caretakers in the case that the patients prefer to stay at home during their end of life.

Meanwhile, the International Palliative Care Collaboration Center (IPCCC) has been established to offer advice and training to those who are interested in palliative care. It will be situated in Thammasat Hospice and Palliative Care Center with the aims to become the hub that connects local and international members who are specialized in palliative care and allows collaboration research to create and develop new knowledge in patient care. Besides, the center will also serve as a training and research center for graduate students in palliative care. The current goal for the development of the center is to become a center of excellence on palliative care with members from no less than 5 countries.

Faculty of Public Health, Thammasat University joined Thailand Global Health Action Plan 2021-2027 held by Global Health Division, Ministry of Public Health

Faculty of Public Health, Thammasat University was invited to join Thailand Global Health Action Plan 2021-2027 seminar held by Global Health Division, Ministry of Public Health to exchange knowledge and experience in global health action and create the 2021 annual action plan under Global Health Action Plan 2021-2027. This seminar was attended by members of 27 institutions, including distinguished speakers from the Ministry of Public Health and other institutions. From the seminar, the role of academic institutes towards global health becomes prominent. These institutes will become academic support through short- and long-term training courses and exchange of global health experts in the partner network. There was also an exchange of experi-

-ences in the 8 main global action issues and an analysis of the 'Pandemic Treaty' preparation process and 'COP26' meeting outcomes, which have both direct and indirect impacts on Thailand's global health action plan. Besides, a goal has been proposed for Thailand to become 'Global Health 5.0' to solve health issues that are beyond conventional health, and the guideline to achieve the goal has been discussed.



Thammasat University Hospital offered 200 free knee replacement and artificial hip joint surgery

Thammasat University Hospital, in a collaboration with National Health Security Office (NHSO), has resumed another year of free knee replacement and artificial hip joint surgery project in 2023. The project specifically targets Thai citizens with income less than 20,000 THB per family who require knee replacement and artificial hip joint surgery, which usually requires a long waitlist. In 2022, the project successfully operated on 200 knee or hip joints. For the 2023 project, the aim is to offer the free operations on 100-200 more joints.



Global Cooperation

Thammasat University Hospital not only collaborates with other health institutions in Thailand, but also tries to extend the scope of practice to nearby ASEAN countries. Assoc. Prof. Dr. Manchima Makornwattana, the Head of Glaucoma Unit, Department of Ophthalmology, Faculty of Medicine visited in Hanoi, Vietnam and Phnom Penh, Cambodia to give lectures and demonstration on glaucoma surgery as well as to give consultations and perform preliminary screening on glaucoma and eye patients.

The first AI in Med Conference 2023 in Thailand

Faculty of Medicine, Thammasat University collaborated with the University of Alabama at Birmingham in organizing "AI in Med Conference 2023" which is the first of its kind in Thailand that delves deep into applications of AI in the medical field. The main goal of this conference is to bring together health technology pioneers for a discussion on the future of medical AI applications. It is attended by several local and international experts who showcased their latest innovations at the conference.





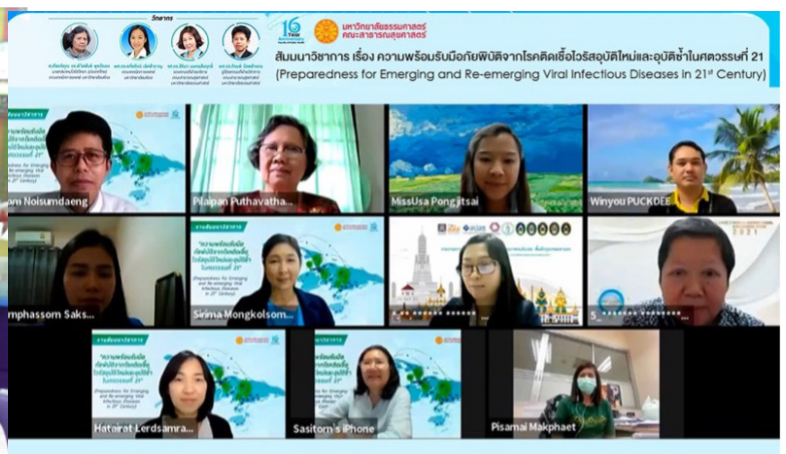
Thammasat's contribution to the promotion of public well-being

Thammasat University recognizes the importance of well-being and health of the citizens. We, therefore, provide well-being services to the public in Pathum Thani and nearby provinces, as well as people in remote areas and people with disadvantages, including

Educating the public on proper hygiene and holistic health care approach by the Faculty of Nursing, which include the Family Classroom Project to support children with potential developmental delay and children with special needs, “Be Healthy and Be Happy life” project for elderly people, Life Skills Summer Camp for Kids project, and the emerging infectious disease surveillance survey project.

Educating people who receive dental services from Dental Innovation Foundation under Royal Patronage organized by Faculty of Dentistry, Thammasat University, especially those in remote areas and with disadvantages, on dental hygiene so that they can properly take care of their oral health and sustain their quality of life.

Providing health services and giving advice on health issues to the public by the Faculty of Medicine and other health-science faculties, which include volunteering in mobile medical units on Mahidol Day and performing health checks for students of the Kindergarten of Thammasat University.



Health Care Service Center, under the Faculty of Allied Health Science, Thammasat University, offered health screening services for preschool children at Nakhon Rangsit Rattanakosin School and Phianpanya School. This service is as a part of the 2022 preschool health screening project for children in Rangsit municipality which is funded by the health security fund of Rangsit municipality.

Health Care Service Center, under the Faculty of Allied Health Science, Thammasat University, offered mobile health screening to citizens in Thakhlung Town Municipality as a part of ‘Chao Thakhlung Sukhaphap Dee Cheewee Mee Suk’ project at the learning center and public park of Thakhlung Town Municipality in Pathum Thani province. The service included health assessment according to the benefits package for Thai citizens aged 35 years and over.



Health Care Service Center, under the Faculty of Allied Health Science, Thammasat University, offered quadrivalent influenza vaccination services to the staff of 18-22 Residence dormitory in Khlong Luang, Pathum Thani province. This is a part of Thammasat's effort to prevent the spreading of influenza in the vicinity of our Rangsit campus.

Promotion of reducing mosquito breeding grounds and raising awareness on dengue prevention

Thammasat University complies with the Ministry of Higher Education, Science, Research and Innovation in promoting and raising awareness on getting rid of mosquito breeding grounds and preventing the spread of dengue. Thammasat has distributed abate sand and public relations media supplied by Tha Khlong Municipality to various organizations in the University. The organizations have cooperated in reducing mosquito breeding grounds and publicizing the distributed media.





Thammasat's services and sports facilities that are open to the public

Thammasat University allows the public to access and use the sports facilities, including

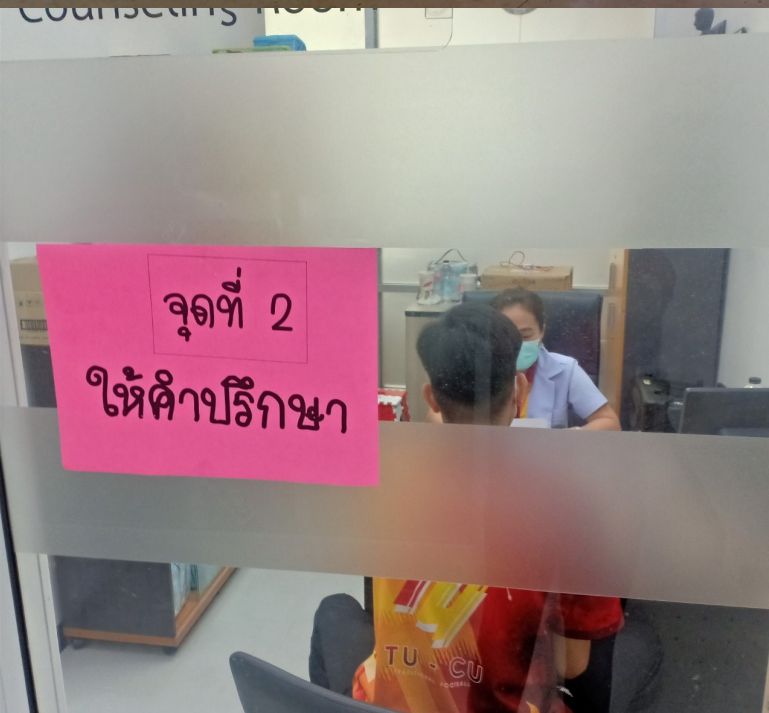
Mini stadium is a field that can be used for various sports, such as football, futsal, and rugby, enclosed by a 800-meter running track and outdoor fitness facilities, which has been popular with the general public.



Bicycle tracks around campus with the total distance of more than 14 km, covering 6 routes under the concept of promoting "sustainable cohabitation" to encourage the students and the general public to use bicycles for transportation and exercise.

Solar Park, a public park with an area of about 1 square kilometer with was established with a concept in environmental development to increase green space and promote of healthy lifestyle that is close to nature and relies on renewable energy. A great number of visitors from inside and outside the University use Solar Park which is a green space full of large trees as a place for leisure or exercise.





On-campus sexual health services for the students

Thammasat University has issued a policy to promote and take care of student sexual health through activities organized by Thammasat Well Being Center, including a plan for an establishment of “Sex Must Say” clinic in the future. There are several ongoing activities to promote sexual health of the students including HIV screening by Thammasat University Hospital and Rainbow Sky Association of Thailand, giving out free condoms and lubricant gel, lending organ models to promote proper sexual health education, as well as raising awareness through various media on the topics of sexual health, sexually transmitted disease prevention, and unintended pregnancy prevention. Besides, there are consulting services on sexual health through Thammasat Well Being Center Facebook page to give health care advice and to coordinate and assist the students with sexual health issues.



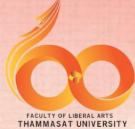
Thammasat's on-campus counseling services and mental health support

Thammasat University has established Viva City Center to provide psychological examination and treatment, organize activities in developing life skills to prevent mental health problems, and assist the students and staff who experience mental health problems. Viva City Center is staffed by mental health specialists, including psychiatrists, psychologists, social workers, nurses, education and career counselors, and student mentors to provide mental health services and counseling.

Thammasat University together with Department of Psychology, Faculty of Liberal Arts has established "Thammasat Counseling and Psychological Services Center" to provide psychological counseling services to the students and staff by clinical psychologists and counseling psychologists, perform preliminary mental health assessments, organize online group counseling, as well as provide education on mental health care. Thammasat University Hospital has established Mental Health Clinic as well as Child and Adolescent Mental Health Clinic to provide proper and safe medical services to outpatients in mental health and psychiatry, including schizophrenia, generalized anxiety disorder (GAD), depression, bipolar disorder,

Self-awareness Group Counseling
Thammasat Counseling and Psychological Services Center (TCAPS) organized self-awareness group counseling sessions, which is offered as a series of 6 weekly 3-hour sessions from 7 September to 19 October, 2022.





ชวนคุณเปิดประตูสำรวจจักรวาลภายในเพื่อการตระหนักรู้ในตนเองผ่าน

SELF-AWARENESS

Group Counseling

กลุ่มการปรึกษาเชิงจิตวิทยาแบบพบหน้า **ONSITE**
ดำเนินกลุ่มโดยนักจิตวิทยาการปรึกษา
สำหรับศ. มร. ไม่จำกัดคณะและชั้นปี (ฟรี)
รับไม่เกิน 8 คน

 ทุกวันพุธ เริ่ม 7 กันยายน - 19 ตุลาคม 2565
(*ยกเว้นวันพุธที่ 21 ก.ย.)
ผู้สมัครต้องสามารถเข้าร่วมกลุ่มได้ครบทั้ง 6 ครั้ง
 เวลา 17.00 - 20.00 น.

 สถานที่ ศูนย์ Viva City หน้าหอพัก C6 มร.รังสิต

Thammasat Safe Campus: Smoke-free society and road safety



Smoking Policy on Campus

Thammasat University realizes the importance of protection of non-smoker health. To ascertain that the area within the University is a safe space for the public, Thammasat University has issued policies and practice guidelines in designating Thammasat University as non-smoking area and defined proper practices to ensure the campuses of Thammasat University are strictly non-smoking, which is in accordance with the related Notifications of Ministry of Public Health and the Tobacco Products Control Act, B.E. 2560 (2017). Thammasat University has designated smoking areas that are clearly marked, in appropriate areas, and enough to accommodate smokers. The University has also appointed persons-in-charge to ensure strict compliance to the practice guidelines and impose penalty on the violators.

Promoting smoke-free society

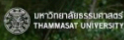
The Faculty of Public Health, Thammasat University, also makes effort to raise awareness with a goal to make Thai society a smoke-free society through organizing activities, conferences, and meetings to encourage cooperation between organizations. In 2021, the faculty has organized a workshop for third-year students in Innovative Health Promotion Program on media design that creates social values against electronic cigarette use and raises awareness on the negative effects of electronic cigarettes. Thammasat University also co-organized a conference on World No-Tobacco Day which focused on creating healthy environment with the knowledge of Thai traditional medicine. From these contributions, the Faculty of Public Health, Thammasat University Lampang Campus, received a “Public Health Academic Institution for Smoke-Free Thai Society” award of 2020–2022 during the 3rd Dean Summit on Tobacco Control.



Thammasat University encourages and raises awareness of driving with caution among campus road users. To reduce incident rates, obey traffic rules and stay within speed limits. Please wear helmets while riding motorcycles for your own safety and to reduce the risk of head injury.

Road safety and accident reduction

Thammasat University, Lampang Campus, organized a training program university's officials for the development of our Lam-pang campus as a smoke-free campus. This training is a collaborative effort of the Faculty of Public Health, TuNoNicotine team, and Thailand's Smoke-Free Campus project under the National Alliance for Tobacco Free Thailand.



**ธรรมศาสตร์ห่วงใย
สวมหมวกนิรภัย 100%**

ร่วมเป็นส่วนหนึ่งในการสร้างความปลอดภัยบนท้องถนน
ด้วยการสวมหมวกนิรภัยขณะขับขี่รถ

ด้วยความห่วงใยจากมหาวิทยาลัยธรรมศาสตร์





08.30-09.00 "พิธีสงฆ์"



09.30-12.00
"Open House
Walk Rally"



"เสวนา
วิชาการ"

14.00-16.00



08.00-08.30 กิจกรรมรณรงค์ขับขี่ยานยนต์ปลอดภัยในสถานศึกษา

1 ก.ย. 65
คณะสาธารณสุขศาสตร์
มหาวิทยาลัยธรรมศาสตร์
ศูนย์ลำปาง

**"17th foundation
for new era
รากฐานที่มั่นคง
สู่ความยั่งยืน
แห่งสุขภาวะ"**

**วันคล้าย
วันสถาปนา
ครบรอบ 17 ปี
คณะสาธารณสุขศาสตร์**

📍 ประตูทางเข้า มร.ศูนย์ลำปาง
08.00-08.30 น. กิจกรรมรณรงค์ขับขี่ยานยนต์ปลอดภัยในสถานศึกษา

📍 โถงชั้น 1 อาคารบุญชูพัฒน์นิรนา
08.30-09.00 น. ทำบุญตักบาตร พระสงฆ์ 9 รูป

📍 ห้อง 7312 ชั้น 3 อาคารบุญชูพัฒน์นิรนา
09.15-09.30 น. พิธีเปิดกิจกรรม
- กล่าวรายงาน โดย พ.ศ.ดร.พรรณทิพย์ สมนะกุลศรี
- กล่าวเปิดและกล่าวต้อนรับ โดย ร.ศ.ดร.สุริยา แก้วละเอียต
รองอธิการบดีฝ่ายบริหารศูนย์ลำปางและกฎหมาย

📍 อาคารบุญชูพัฒน์นิรนา
09.30-12.00 น. กิจกรรม Open house Walk Rally 4 ฐานการเรียนรู้
- ฐานที่ 1 สาขาวิชาอนามัยและความปลอดภัย ห้อง 7308
- ฐานที่ 2 สาขาวิชาอนามัยสิ่งแวดล้อม ห้องปฏิบัติการ
- ฐานที่ 3 สาขาวิชาอนามัยชุมชน ห้อง 7312
- ฐานที่ 4 กลุ่มวิชาสาธารณสุข ห้อง 7315
พักรับประทานอาหารกลางวัน

📍 ห้อง 7312 ชั้น 3 อาคารบุญชูพัฒน์นิรนา
13.00-13.45 น. กิจกรรมเสวนาวิชาการ การจัดการสุขภาพ
สิ่งแวดล้อมและความปลอดภัย เนื่องในวันสถาปนา
คณะสาธารณสุขศาสตร์ โดย อ.ดร.กวีกรรณ์ สุขชัย
พิธีมอบของระลึกและเกียรติบัตร แก่ผู้เข้าร่วมงาน
โดย พ.ศ.ดร.พรรณทิพย์ สมนะกุลศรี
เสวนาวิชาการ หัวข้อ "การขับเคลื่อนนโยบายเมืองน่าอยู่
ประเด็นสุขภาพ และสิ่งแวดล้อม"
โดย นายแพทย์อรรถพร เทวีสินกุลศรี รองอธิการบดีนิรนา
หัวข้อ "การจัดการสุขภาพชุมชนเมือง"
โดย พ.ศ.ดร.กวีดา กนละเวช
รองผู้อำนวยการกรุงเทพมหานคร
ถ่ายทอดสด จากศูนย์ยังสด





ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL

Thammasat University provides quality education in undergraduate and graduate levels in 3 main areas, which are social sciences and humanities, health sciences, and science and technology. Curricula at Thammasat have been certified by Office of the Higher Education Commission and have been evaluated using Education Criteria for Performance Excellence (EdPEX) for education quality assurance.

Thammasat University also serves people of all ages to upskill and reskill their abilities and interests. Thammasat University Rangsit Campus provides safe environment for education for all residents of the communities, ranging from pre-kindergarten to doctoral-level education, including Thammasat Childhood Development Center managed by the Faculty of Nursing for pre-kindergarten children and Thammasat Secondary School operated by Faculty of Learning Sciences and Education for students in grades 7 – 12.



Hybrid Classroom

One of the top priorities of Thammasat University is an efficient delivery of quality education. Our classrooms are designed for various methods of teaching and learning to promote the students' learning potentials. During the COVID-19 situations, the health of our students becomes another priority. Thammasat, with the help of the Office of Information and Communication Technology, thus offers a new method for teaching and learning via hybrid classrooms that seamlessly combine an on-site and an online classroom. The Office of Information and Communication Technology also provides the faculty members with programs that are necessary for delivering quality education in a situation where a traditional classroom is not an appropriate choice.

นวัตกรรมการเรียนแบบไฮบริด
Hybrid Learning Room

พบกับการเรียนรู้วิถีใหม่เป็นการเรียนรูปแบบปรับเปลี่ยนได้
(Hybrid Learning)

มหาวิทยาลัยธรรมศาสตร์ตระหนักถึงความสำคัญของการเรียนรู้ที่ทันสมัยเกิดขึ้นจากนี้และหลังจากนี้โลกวิถีใหม่ จึงได้จัดเตรียมห้องเรียนไฮบริด ซึ่งเชื่อมต่อการเรียนรู้ออนไลน์ และ onsite อย่างไร้รอยต่อสัมผัสบรรยากาศ และการเรียนรู้เสมือนหนึ่งได้นั่งเรียนร่วมกัน

อาคาร SC1 SC1001, SC1002, SC1058, SC1059, SC3004, SC3005, SC3006, SC4001, SC4020, SC3048, SC3049, SC3050, SC3051, SC4036, SC4037, SC4038, SC4039, SC1012, SC1013, SC1049, SC1050

อาคาร SC3 SC3-413

อาคาร LC1 LC1-201, LC1-202, LC1-203, LC1-206, LC1-207, LC1-211

อาคาร LC4 LC4-231

ปียชาติ 1 PYC1-248, PYC1-251

ปียชาติ 2 PYC2-2014

ศูนย์สำเนา ห้อง 7501, ห้อง 7502

ศูนย์กีฬา ห้อง E202, ห้อง F102, ห้อง F103

ติดต่อ

วิสิษฐ์ กองบริหารศูนย์วิจัย >> 02-696-5012-15
อำนาจ กองบริหารศูนย์สำเนา >> 089-030-7901
พัทธยา กองบริหารศูนย์กีฬา >> 080-553-1616

มีปัญหามา MS Teams ติดต่อ LINE ICT-TU Helpdesk : @icttuhelpdesk

Get ready for Online teaching

with **Microsoft Team** and **TU GREATS App**

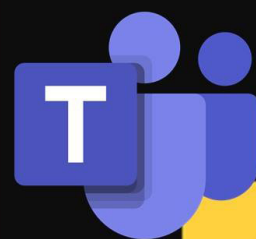
วันพุธที่ 13 มกราคม 2564 เวลา 10.00 – 12.00 น.

Agenda

- แนะนำการใช้งาน TU GREATS App
- แนะนำการใช้งาน Microsoft Teams
- แนะนำวิธี Breakout Room
- แนะนำการสร้าง Assignment
- แนะนำสร้าง Quiz ด้วย Microsoft Forms

สามารถเข้าร่วมฟังผ่าน Teams Live Event ได้ที่

<https://icttu.page.link/lives>





TU 109 Course: Innovation & Entrepreneurial Mindset

TU 109 course was created from an idea of Assoc. Prof. Gasinee Witoonchart, the Rector of Thammasat University, to promote entrepreneurship skills for the modern world and creating at least 1,000 students per year with the skills and mindset of responsible entrepreneurs so that they can cope with the post-COVID-19 situations professionally.

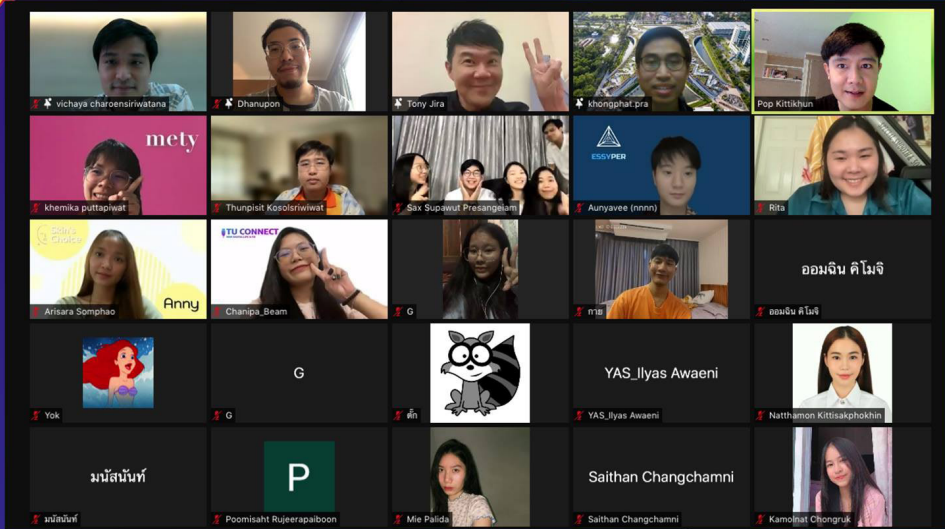
Assoc. Prof. Gasinee worked together with Assoc. Prof. Dr. Pipop Udorn, the Vice Rector for Academic Affairs, to develop a curriculum that has been extracted into 3 courses which are TU 109, TU 209, and TU 309 that starts from the basics of entrepreneurship to the advanced level course. The aim of this curriculum is to encourage the students' continuous self-improvement so that they

university with support from 88 Sandbox, which is Thammasat's latest ecosystem for startups both from Thammasat University and from the public.

TU 109 course is designed based on an analysis of global education trends and micro behaviors that focuses on the topics that the students are interested in and combined with Thammasat's main concept of social responsibility. Therefore, we can say that TU 109: Innovation & Entrepreneurial Mindset is a general education course that has been designed to create entrepreneurs who are ready for the future world through key concepts and skill cultivation from faculty members who have real experience in the modern business world.



Highlights of TU 109 Innovation & Entrepreneurial Mindset



Lectured by



Dhanupon Eawpiromkul Vichaya Charoensirawatana

22-10-2021

88 Sandbox: The Next Unicorn Platform

88 Sandbox Project aims to become a new startup ecosystem in Thailand for the new generation to develop their ideas from infancy to success. The project's main mission is to be a platform that creates and promotes Thailand's startups to the global level. It will be a space of opportunity for everyone without any discrimination against genders, ages, occupations, religions, or politics, including the younger generation ranging from high school to university students. 88 Sandbox Project partners with several sectors, including government agencies, corporates, venture capitals, and the leading startups from various industries

and receives courtesy from 88 new-generation business leaders to become mentors for the project participants in developing great ideas into concrete products with the goals to create better life and better society. Even though 88 Sandbox is a project that is initialized by Thammasat University, its concept is to be open and accessible by all. It will serve as a large practical classroom that allows university students to convert the knowledge that they earn from real-life experience into course credits and enables high school students to use their innovations in the portfolio for admission to Thammasat University as well.



Reflecting education quality with QS Graduate Employability Rankings

Quacquarelli Symonds (QS), an international higher education institution ranking company based in the UK, has officially published QS Graduate Employability Rankings 2022, and Thammasat University ranks number 3 of the ASEAN countries and shares the number 1 position of Thailand with Chulalongkorn University. In the global ranking, Thammasat comes in the range of 141–150 rank, which is better than last year's ranking in the 171–180 range.

The factors that contribute to Thammasat's higher ranking are from the advancement in 3 main areas, which are

Employer Reputation: The score increases from 23.1 in 2020 to 29.1 in 2022.

Alumni Outcomes: The score increases from 75.7 in 2020 to 81 in 2022.

Partnerships with Employers: The score increases from 9.5 in 2020 to 19.2 in 2022.

Looking back through the rankings in the past 3 years, we can see that Thammasat makes continual improvement in all dimensions, reflecting the quality of Thammasat's education and contribution to the society.



Passing on the knowledge to improve Thailand's education system

Action Research: Competency-based Education in Pilot Schools

Bualuang Kor Kan Kru Project for Teachers is a collaboration project between Faculty of Learning Sciences and Education, Thammasat University and a network of education and human development institutions with the goal to create a social change with education. The team realizes that teachers are the real 'change agents' who are the key factors in the education system because teachers are responsible for framing mindsets, leading the learning process, cultivating leadership skills, and developing the potential of the children and youth who

will become Thailand's future. This project focuses on training teachers who have potential to become 'change agents' through 3-year training and potential development courses with the following objectives:

To investigate an efficient guideline for teacher and school administrator potential development for competency-based education

To investigate an efficient guideline for competency-based education development for application in schools with different contexts
To study the effect and the change on teachers, students, and other participants after trying the competency-based education



เชิญรับชมการถ่ายทอดสด

งานแถลงข่าว
เปิดตัวโครงการ



คุณสรวิทย์ อยู่วิทยา
ประธานเจ้าหน้าที่บริหาร
กลุ่มธุรกิจ TCP



รศ.ดร.อนุชาติ พวงสำลี
คณบดีคณะวิทยาการเรียนรู้และศึกษาศาสตร์
มหาวิทยาลัยธรรมศาสตร์



ดร.ไกรยส ภัทราวาท
รองผู้จัดการกองทุน
เพื่อความเสมอภาคทางการศึกษา

วันอังคารที่ 2 พฤศจิกายน 2564

เวลา 10:30 – 11:30 น.

รับชมผ่านช่องทางออนไลน์ TCP GROUP



Creative Learning Innovation on Clean Energy Project

Creative Learning Innovation on Clean Energy Project has the objectives to cultivate energy education and promote energy literacy among Thai youths, starting from creating understanding of clean energy with 'clean energy teachers' as the change agents. This project receives support funding from the Power Development Fund, Energy Regulatory Commission and cooperation from Office of the Basic Education Commission, Ministry of Education.

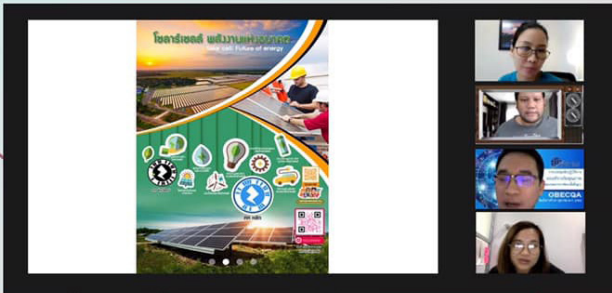
Thammasat University recognizes the importance of clean, environmentally friendly energy options and is determined to promote understanding and knowledge of

clean energy through learning process design to create energy literacy in students and youths. This project focuses on training teachers from high schools and vocational schools on designing and developing creative learning innovation on clean energy. The learning innovations from the project participants include those that are designed based on in-class research and those that integrate learning about energy with different subjects. The ultimate goal of this project is to educate the youth on the key knowledge about energy with the hope that they will become a strong driving force for the development of smart energy innovations in the future.



#ภาพบรรยากาศ

กิจกรรมให้คำปรึกษาและสังเกตการณ์
นำสื่อการเรียนรู้ไปใช้ในการเรียนการสอน ครั้งที่ 3



โครงการสนับสนุนงบประมาณจากกองทุนพัฒนาไฟฟ้า
สำนักงานคณะกรรมการกำกับกิจการพลังงาน พ.ศ.



ชี้เป้าหลักสูตร

เรียนฟรี! มีใบเซอร์!

คอร์สอัปเดตความรู้ด้านพลังงานสะอาด พร้อม
เครื่องมือการสร้างสรรค์สื่อการเรียนรู้ อย่างเหมาะสม
โดยคณาจารย์และผู้เชี่ยวชาญในโครงการฯ กัน

บทเรียนออนไลน์ 10 บทเรียนหลัก

ในโครงการพัฒนาวัดกรรมการเรียนรู้แบบสร้างสรรค์เพื่อพลังงานสะอาด
โดยคณาจารย์และศึกษาศาสตร์ มหาวิทยาลัยธรรมศาสตร์

เริ่มเรียนได้ตั้งแต่ **15 ธันวาคม 2564**
ที่ learn.ised.tu.ac.th

สอบถามรายละเอียดเพิ่มเติม

- TU.CleanEnergy
- 02-694-5000 ext.6713
- tu.cleaneergy@sed.tu.ac.th

เหมาะสำหรับ

ครู นักศึกษา และผู้ที่สนใจเรื่องพลังงานสะอาด
รวมถึงทบทวนความรู้ความเข้าใจด้านทักษะการคิด
และการออกแบบสื่อการเรียนรู้อย่างมืออาชีพ



โครงการสนับสนุนงบประมาณจากกองทุนพัฒนาไฟฟ้า
สำนักงานคณะกรรมการกำกับกิจการพลังงาน พ.ศ.

30th Anniversary of Thammasat Lampang: Academic Achievement and Local Wisdom for Sustainable Development

Thammasat University Lampang Center in cooperation with Lampang Provincial Government organized a national academic conference on 'Academic and Research Innovation for Sustainable Development' to celebrate the 88th anniversary of Thammasat University and the 30th anniversary of Thammasat University Lampang Center. The conference showcased academic achievement of Thammasat University as well as connected the University with various institutions in the joint effort to improve the communities in Lampang province. Some of the projects operated by Thammasat Lampang include local museum renovation, school library renovation, and the integrated sub-district economic and social promotion (U2T) projects.

During the conference, there was academic discussion sessions on 'Green Chiretta against COVID-19' and 'Cannabis for Medical Purposes' led by physicians, scholars, and experts on Thai herbs and cannabis as well as an exhibition of Thai medicine and local medical knowledge of Lampang province. There were also oral and poster presentations on 3 main themes, which are Health and Environment, Sustainable Development and Technology, and Social Sciences and Humanities. Besides, ophthalmologists from Thammasat University Hospital offered examination, treatment, and advice for people with vision problems.



Thammasat and Pearson VUE to establish 'GED Testing Center'



Thammasat University signed a memorandum of cooperation with Pearson VUE, the organizer of international standardized tests, such as GMAT and GED, in establishing 'GED Testing Center' at Wisit Aksorn Building in Thammasat University Rangsit Campus. This collaboration will provide high school students with more choices when considering an alternative to the traditional high school diploma under the 'GED' standardized test, which is based on the US system and is recognized globally. This also helps resolve the problem of foreign students whose diploma cannot be transferred to Thai educational system.

SDG Move Summer school for Thammasat University Students



ศูนย์วิจัยและสนับสนุนเป้าหมายเพื่อการพัฒนาที่ยั่งยืน (SDG Move)
ขอเชิญชวนเข้าร่วมโครงการโรงเรียนภาคฤดูร้อน

ระยะเวลากิจกรรม
20 พฤษภาคม
20 มิถุนายน
2565

เพื่อเรียนรู้ประเด็นเกี่ยวกับ
เป้าหมายการพัฒนาที่ยั่งยืนและการเปลี่ยนแปลงสภาพภูมิอากาศ

รวมถึงหลักสูตรที่จะช่วยให้คุณได้เรียนรู้เครื่องมือการทำงานใหม่ๆ
สำหรับคนที่อยากสร้างการเปลี่ยนแปลงทางสังคม

โครงการโรงเรียนภาคฤดูร้อนจะจัดเวลาของตลอดทั้งหลักสูตร 136 ชั่วโมง
(นักศึกษาที่ถือการฝึกงานและบัณฑิตที่จบโครงการฝึกงานสามารถเข้าร่วมโครงการนี้ได้)

ระยะเวลารับสมัคร
ตั้งแต่วันที่ 15 พฤษภาคม 2565
สำหรับนักศึกษามหาวิทยาลัยธรรมศาสตร์ ทุกคน/ชั้นปี

ช่องทางการติดต่อ Chananchida.g@sdgmove.com 062-730-2999

ลงทะเบียนได้ที่

SDG Research and Support Programme (SDG Move) under the Faculty of Economics, Thammasat University collaborated with Thailand Greenhouse Gas Management Organization in organizing SDG Move summer school from 20 May to 20 June 2022 for the participants to learn about Sustainable Development Goals and climate change and to experience novel tools for the soon-to-be changemakers, such as online learning courses on 'Climate Change and Sustainable Development', and training workshops on work skills such as data science, public communication, and social marketing.



ก้าวสู่การเป็น อันดับ 1 ของไทย
SDG5 : GENDER EQUALITY

GENDER EQUALITY FOR ALL

กิจกรรม และการจัดการเรียนการสอนที่ ส่งเสริมให้เข้าใจ
และ ความตระหนักถึงความหลากหลายทางเพศ



อิสระใน การแต่งกาย

I JUST DRESS, NOT JUST FASHION

ธรรมชาติศาสตร์ ปลดล็อกคำนำหน้า

GENDER WELLNESS CLINIC

THAMMASAT WELL BEING CENTER

คลินิกสุขภาพเพศธรรมชาติศาสตร์



ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS

Thammasat University recognizes and values the importance of gender equality and non-discrimination. The University promotes the equality of people of all genders, regardless of whether their gender identity corresponds with the sex determined at birth, by creating official policies and declaration of intent, organizing anti-harassment projects and activities, improving proportion of women enrollment and outreach programs, promoting proportion of women with executive positions or professorship, and providing education and training on gender equality and gender diversity.



Thammasat listed as exemplary organization in promoting gender equality

Thammasat University has been selected as 1 out of 17 institutions that have been honored as an exemplary network organization in promoting gender equality during Gender Fair 2023. Gender Fair 2023 was organized by Ministry of Social Development and Human Security in partnership with Department of Women's Affairs and Family Development on 31 March 2023 to open a discussion space on social issues regarding the elimination of gender discrimination.





Thammasat University joins the world in celebrating International Women's Day

Thammasat University takes pride in co-hosting the International Women's Day event with the Embassy of Israel in Thailand to hold a keynote speech under the theme "Gender equality today for a sustainable tomorrow: Global Gender Equality Challenge" – calling for climate action for women, by women.

On this occasion, Ms. Orna Sagiv, Israel's ambassador to Thailand, Miss Anchilee Scott-Kemmis, Miss Universe Thailand 2021, and Ms. Nitcharee Pen-eakchanasak, a Thammasat University alumna, all spoke at the event, highlighting the importance of advocating women's rights.





Proportion of women enrollment and outreach programs

The total number of female students who are enrolled in bachelor master and doctoral programs of Thammasat University during the 2018 – 2022 academic years is 139,592 students, accounting for 63.83 % of the total number of students.

The number of first-generation female undergraduate students during the 2022 academic year is 1,010 students, accounting for 2.29% of the total number of female students.

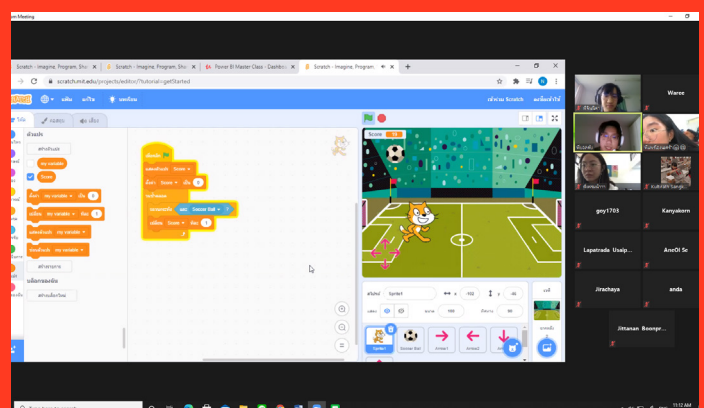
Number and proportion of women’s application rate during 2018-2022 academic years

Academic year	2018	2019	2020	2021	2022
Number of women’s application rate	4,752	6,515	15,608	14,940	15,174
Total number of application rate	7,354	10,644	23,997	22,905	23,320
Percentage	64.62	61.09	65.04	65.23	65.07

Outreach programs for women in STEM

Sirindhorn International Institute of Technology, Thammasat University in conjunction with IEEE Control System Society, Thailand Chapter and Srinakharinwirot University Prasarnmit Demonstration School hosted an online Girl in Control Workshop to foster imagination and encourage learning about science, technology, and engineering in children, especially girls, to promote their interest in applying scientific knowledge in solving problems in everyday life and pursuing education in engineering.

School of Global Studies together with other agencies hosted “Girls in ICT Day Thailand 2021” with the aims to encourage girls and young women to pursue studying STEM, enhance their level of digital skills, raise awareness on meaningful and safe use of ICT, and strengthen the Girls in ICT Day online community.





Women enrollment and outreach programs

47,356 students

The total number of graduates of Thammasat University during 2018 – 2022 academic years

30,806 students
of which are women,

65.05%
of all graduates



6,988 students

The number of female graduates in STEM

22.68%

of the female graduates

14.76%

of all graduates



3,761 students

The number of female graduates in medicine

12.21%

of the female graduates

7.94%

of all graduates



20,057 students

The number of female graduates in fine arts, humanities and social sciences

65.11%

of the female graduates

42.35%

of all graduates

Proportion of women with executive positions or professorship

The total number of faculty or staff in academic or upper-level executive positions in Thammasat University and the faculties is 1,307 people, 683 of which are female accounting for 52% of the total number. Comparing to the proportion of the incumbents of the House of Representatives of Thailand with a total of **494** members and **76** of which are female, equivalent to **14%**, and the proportion of the incumbents in the Cabinet of Thailand with a total of **35** members and **4** of which are female, equivalent to **11.43%**, the proportion of women in position in Thammasat University shows that the University recognizes the importance of the equality of individual status and encourage women to play a role in administration of the University, faculties, or divisions and to show their potential in various fields without discrimination or obstruction.



Training and workshops for female students

Sirindhorn International Institute of Technology (SIIT), Thammasat University in conjunction with IEEE Control System Society, Thailand Chapter and Srinakharinwirot University Prasarnmit Demonstration School hosted an online workshop on the topic of “The Girl in Control” to foster imagination and encourage learning about science, technology, and engineering in children, especially girls, to promote their interest in applying scientific knowledge in solving prob-

lems in everyday life and pursuing education in engineering.

School of Global Studies together with other agencies hosted “Girls in ICT Day Thailand 2021” with the aims to encourage girls and young women to pursue studying STEM, enhance their level of digital skills, raise awareness on meaningful and safe use of ICT, and strengthen the Girls in ICT day online community.

Organisers: SIIT, ESCAP, UN Women, UNICEF, UNESCO, APF, Cisco, Microsoft, Chula

Partners: Thammasat University, Srinakharinwirot University

เวิร์คช็อปสรุปกิจกรรม
Concluding Workshop

พ.ศ. 27 9:00 - 12:00 น. ไทย

ร่วมสนุกกับเกมส์และพูดคุยแลกเปลี่ยนประสบการณ์กับ
Trainers จากคอร์สพัฒนาทักษะ Girls in ICT 2021
และการนำเสนอผลงานในหัวข้อ
“Future World : โลกอนาคต”

สแกนเพื่อลงทะเบียน

Pride @Thammasat: Celebrate with Pride, Unite in Diversity



Official policies and declaration of intent

Thammasat University has issued the following policies and declaration of intent to promote gender equality:

Thammasat University Notification on Policy on Gender Equality and Non-Discrimination against Women, LGBT People, and People with Disabilities that designates a policy and practice guideline that focuses on protection from any discrimination or disadvantage in education or employment, raising awareness on the importance of gender equality and non-discrimination, as well as creating facilities that accommodate lives of people of all genders.

Thammasat University Notification on Student Practices and Dressing of Students Whose Gender Identity or Sexual Orientation Does Not Match Their Assigned Gender at Birth, B.E. 2563 (2020) that designates the practice guideline that gives students whose gender identity or sexual orientation does not correspond with their assigned gender the rights to dress and use photos of themselves with student uniforms and academic gowns that match their sexuality for the graduation ceremony.

Declaration of Intent “The Promotion of Equality and the Elimination of Gender Discrimination in Compliance with the Gender Equality Act B.E. 2558 (2015)” as of March 2, 2020 announced Thammasat University’s intention to comply with Gender Equality Act B.E. 2558 (2015) together with Department of Women’s Affairs and Family Development, Ministry of Social Development and Human Security. This declaration of intent proposes a practice guideline to promote gender equality and eliminate gender discrimination in all aspects, which include attire; provision of facilities; recruitment and qualification requirements; language, gestures, and written documents; recruitment of committees or other positions in the organization; and prevention and elimination of sexual abuse and harassment in workplace.

The appointment of Sexual Safety and Sexual Awareness Promotion Board of Thammasat University started in 2019 and continues up to the present. This Committee is responsible for setting policy, strategic plans and action plans in the area of Thammasat University that recognize and take into account the subtlety of differences between genders, organizing activities that respect human dignity and honor all individuals, preparing comprehensive preventive and corrective measures against sexual abuse or harassment and other related processes, as well as defining the processes of petition submission and assistance for victims of sexual abuse, harassment, or discrimination.

Thammasat University recognizes the importance of protection of individuals from humiliation, defamation, or disrespect of human dignity and protection of their right and freedom to express their identity through language, gestures, attire, or appearance, regardless of their sexual orientation or gender identity. According to Thammasat University Notification on Policy on Gender Equality and Non-Discrimination against Women, LGBT People, and People with Disabilities and Thammasat University Notification on Student Practices and Dressing of Students Whose Gender Identity or Sexual Orientation Does Not Match Their Assigned Gender at Birth, B.E. 2563 (2020), all agencies of Thammasat University must

strictly follow the guidelines for non-discrimination against women and LGBT people, eliminate discrimination or obstruction in all forms, and support to people of all genders to joined as directors at all levels. In addition, all agencies must ensure that the applicant's qualifications for admission, scholarship, and educational and work skill development are not limited by gender. There is also a policy on protection of witnesses and informants of discrimination cases by concealing personal information to prevent the effects of serving as witnesses in the case.

Anti-harassment project and activities

In 2019, Thammasat University, together with The United Nations Entity for Gender Equality and the Empowerment of Women (UN Women) and domestic partners, including Thai Health Promotion Foundation and non-governmental organizations that work on gender diversity rights and health, launched a project to end sexual harassment in educational institutions and promote sexual safety and awareness, under the concept of “TU Say No To Sexual Harassment on Campus. We are ‘Generation Equality’”. The goals of this project are to promote and protect human rights for people of all genders, to create a social network with a mechanism to survey, monitor, heal, and ensure justice for everyone, as well as to create security and confidence in living in the University. In 2020, the University has extended its partnership on Safe and Fair project with the European Union (EU), UN women, and International Labour Organization (ILO) in implementing Spotlight Initiative project to extend the results on

termination of discrimination against women migrant workers and violence against women through “Spotlight Training Camp”. The student participants not only acquire the knowledge, understanding, and positive attitude toward migrant workers, but also have the opportunity to work with women migrant workers in presenting solutions to violence against women migrant workers. This project also led to the formation of “TU Changemaker” student activity group that leads the students in building awareness and driving the effort in gender equality and non-discrimination within the University. Thammasat University is the first university in Thailand that officially issues a policy to prevent and respond to sexual harassment and violence against women and promote gender equality with the supports from the regional UN Women, and is the first university in Asia with which the UN considered creating a formal partnership in announcing the ratification of gender equality.



Parenthood empowerment

Thammasat University by the Faculty Of Nursing has established Childhood Development Center to accommodate faculty members, staff, and students with children and allow them to work without worrying about childcare during office hours. The Childhood Development Center is a space for the students of the Faculty of Nursing to learn and practice early childhood care and health promotion and serves as an academic service to the society. The center provides early childhood care to children of the faculty members, staff, and students of Thammasat University and from the surrounding

communities from the ages of 6 weeks to 3 years or before joining kindergarten, with the maximum capacity to serve 131 children. Thammasat University has also released a Notification on Guidelines, Procedures, Authority for Leave Approval and Wages/Salary during Leave for Thammasat University Staff which allows university staff who want to take maternity leave for up to 90 days without submitting a medical certificate and male university staff to take paternity leave to take care of their infants instead of their lawful wives for no more than 150 business days.







CLEAN WATER AND SANITATION

The quality of water supplies and bodies of water is a vital factor for good quality of life on campus. Thammasat University strives to provide the students, staff, and visitors access to clean water, both for consumption and general use, and to keep the lakes and canals all over the campus clean for water reuse and a pleasant environment.



Free Drinking Water for All on Campus

There are drinking water dispensers in every building on campus. Drinking water is provided free of charge to promote student and staff to use reusable containers and to reduce single-use plastic bottles. Access to clean water is a basic right for all students and staff in educational institutions to support good hygiene and reduce their expenses. The water filters in the dispensers are replaced monthly, and the water quality is regularly checked.



Water Supply Quality Testing in Dormitories

The campuses of Thammasat University are small communities that combine several types of buildings, such as educational centers, residential buildings, and sports facilities. The quality of tap water in the university is thus crucial, especially in the dormitories that service a lot of students. When there are complaints on discolored water, Thammasat university requires the water supply company to urgently perform water supply testing under the observation by student representatives. The water supply company is also responsible for sending water quality daily and monthly reports to the University to ensure the quality of water supply on campus and the safety of all users.



Water samples that students collect from dormitories for water quality testing



Water sampling from a main water supply



Water samples that students collect from dormitories for water quality testing



รายงานผลการทดสอบ

วันที่ออกรายงาน 20 มิถุนายน 2565
เลขที่รายงาน TRBK65/32834
หน้า 03/03

ผลการทดสอบ

รายการทดสอบ	ผลการทดสอบ	หน่วย	LOD	วิธีทดสอบอ้างอิง
Manganese (Mn)	0.0111	mg/L	0.0005	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23 rd Edition, 2017. Part 3030 E by ICP-MS Technique.
Mercury (Hg)	Not Detected	mg/L	0.0002	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23 rd Edition, 2017. Part 3030 E by ICP-MS Technique.
Zinc (Zn)	Not Detected	mg/L	0.0005	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23 rd Edition, 2017. Part 3030 E by ICP-MS Technique.
Coliforms	Not Detected	per 100 mL	-	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23 rd Edition, 2017. Part 9221 B.
<i>Escherichia coli</i>	Not Detected	per 100 mL	-	Standard Methods for the Examination of

Example of water supply quality monthly report to ensure the water quality satisfies PWA's Water Supply Quality Standards according to WHO's recommendations.

Canal dredging around Thammasat Rangsit dormitories

The Property and Sports Management Office cooperated with Pathumthani Provincial Administrative Organization in dredging 2 kilometers of drainage canals around the dormitory area during 22-30 April 2023. The aim was to prepare for the rainy season and improve the drainage efficiency of the canal network in the University to prevent flooding in the University as well as surrounding areas.



Wastewater Treatment System Renovation

Thammasat University has a central wastewater treatment system that can treat up to 3,000 to 5,000 cubic meters of wastewater. It receives wastewater from all buildings in the university through an underground drainage system. The current treatment system is an aerated lagoon that has been in use since the Rangsit Campus was constructed. Some of the instruments have deteriorated and are now being replaced and upgraded to increase the efficiency of the treatment, especially in the aeration, pumping, and automatic chlorination systems.



The treated wastewater is discharged back to the canals in the University that can be used for several purposes, such as watering plants, maintaining the ecosystem, and serving as a recreational area, so the quality control of wastewater and the treatment system are crucial.

Besides, Thammasat University has a plan to switch to a wastewater treatment system that utilizes electricity to remove pollutants, reduces the use of chemicals, and allows the effluent to be reused. The new treatment system will be a zero-liquid discharge system to reduce the use of water supply and minimize wasting water resources.



Raising public awareness on the value of water

Water is a resource that everyone needs and, thus, is of utmost importance. Conservation and preservation of water resources can ensure higher quality of life as well as prevent potential negative impacts on human health and the environment. Thammasat University is involved in the activities that support the preservation of canals on campus to raise awareness on the value of water. The participatory activity attracts and engages a number of students, faculty members and staff and helps in developing a mindset for environmental conservation in them



Clean drinking water for surrounding communities

Besides ensuring the hygiene of the water system on campus to promote good health of the students and staff, Thammasat University also realizes the importance of providing the surrounding communities with thorough access to clean and safe drinking water. Thammasat University through TU100: Citizens and Problem-Solving course has procured water dispensers for the communities in the neighborhood, including Ban Man Khong community, Siriphap community, and Khung Pha Phap community.



Monthly water dispenser cleaning and filter changing

To support Thammasat's effort in promoting the use of reusable cups and bottles according to the policy against single-use plastic, the University has installed water dispensers and performed monthly cleaning and filter changing to ensure clean water for all in Thammasat community.



Wastewater treatment system learning center

Students from Faculty of Public Health, Thammasat University visited the wastewater treatment system learning center to be a guideline for their research and studies in the future.







AFFORDABLE AND CLEAN ENERGY

In the current situation where energy shortage is becoming more urgent and severe, a sustainable approach to energy usage and production is necessary. Thammasat University makes efforts in increasing the energy efficiency of buildings and the infrastructure, converting from fossil fuel-based energy to renewable energy, and creating learning opportunities for the public on the importance of energy management.



University measures towards affordable and clean energy

Switching to electric vehicles

The service vehicles used on Thammasat campuses used to be fossil fuel based, including:

On-campus service shuttle buses that accommodate up to 35 passengers each. A fleet of 20 NGV shuttle buses offers 14 trips daily with a trip distance of 6–8 kilometers. The approximate monthly fuel consumption is 12,000 kilograms.

Service buses for personnel that accommodate up to 53 passengers each. A fleet of 10 diesel-powered buses offers 2 trips daily with a trip distance of 40–60 kilometers. The approximate monthly fuel consumption is 9,500 liters.

At present, Thammasat University has replaced all service buses with electric vehicles, which not only saves on the fuel consumption but also reduces carbon footprint. The average monthly carbon footprints of the NGV shuttle buses and the diesel-powered buses are 33.8 and 25.6 tons of carbon dioxide equivalent (CO₂e).[1] The new fleet of electric service buses for personnel consumes approximately 24,700 kW of electricity per month, and the electricity that is used for charging is from the grid. This is equivalent to a carbon footprint of 12.1 tons CO₂e[2] or a reduction of 53% in carbon emissions compared to the fossil fuel counterparts. There is a plan to use electricity from solar panels to charge the electric vehicles, which will further reduce the carbon footprint and make all the service buses become zero emission vehicles.



Replacing 100% of street-lights with LED bulbs

Water is a resource that everyone needs and, thus, is of utmost importance. Conservation and preservation of water resources can ensure higher quality of life as well as prevent potential negative impacts on human health and the environment. Thammasat University is involved in the activities that support the preservation of canals on campus to raise awareness on the value of water. The participatory activity attracts and engages a number of students, faculty members and staff and helps in developing a mindset for environmental conservation in them



Changing Air Conditioning System in School Buildings

The school buildings in Thammasat University Rangsit Campus have been in use for a long time, so several utility systems have deteriorated, including the central air-conditioning system which uses a chiller and a network of ducts to cool the whole building. Coupled with the ongoing COVID-19 situation which causes most classes to become hybrid or completely online, the need for classroom usage drops. The air conditioning systems in the school buildings are now being replaced by smaller systems that cool each classroom individually, which reduces cooling unnecessary areas. Several buildings in Rangsit Campus are LEED certified buildings of which the open areas are designed to utilize natural ventilation, the use of individual air conditioning systems is thus an appropriate choice to save on energy consumption.

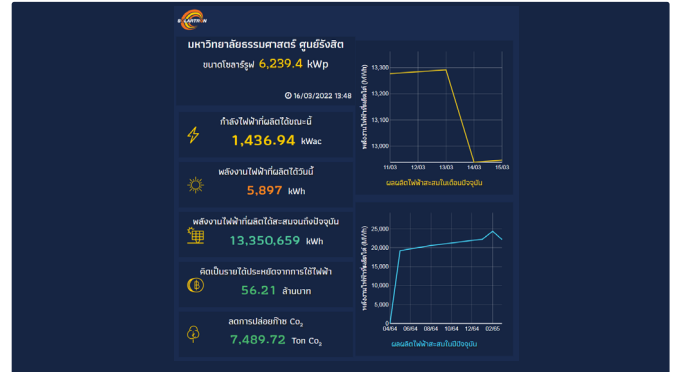




Smart Energy management

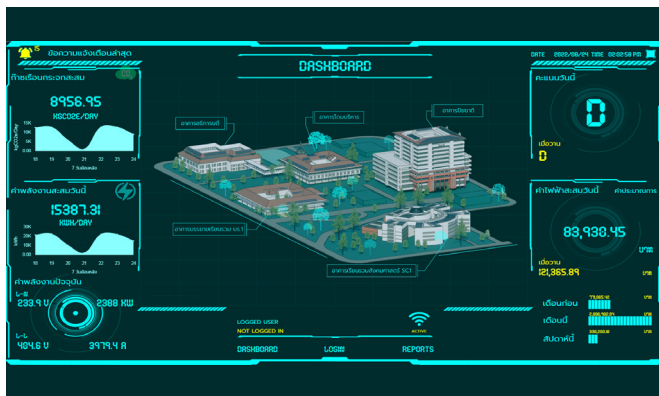
Energy management monitoring platform

Thammasat University can monitor the energy production from solar panels in real time through websites, which are the website created by the solar panel installation company and the Electricity Generating Authority of Thailand (EGAT) website that can verify the readings from electricity meters. These platforms can be used to cross-check each other's report on the energy power produced from solar panels.

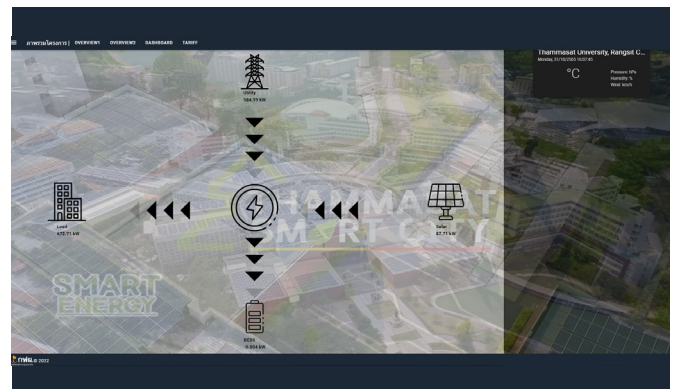


Website for energy production monitoring created by the solar panel installation company

Besides, Thammasat University has installed monitors that report the electricity production and usage of each building to raise awareness of the students and staff on the value of clean energy.



TU Energy real-time monitoring is installed in campus buildings to report real-time energy production and consumption



TU energy smart battery monitoring system

TU smart energy management with cooperative with EGAT has been broadcasted on Channel 3 Thailand News, aired on 30 July 2022

In the next step, the university can conduct a campaign to reduce energy usage in peak hours that can raise awareness in students and staff and reduce overall energy usage in the university.

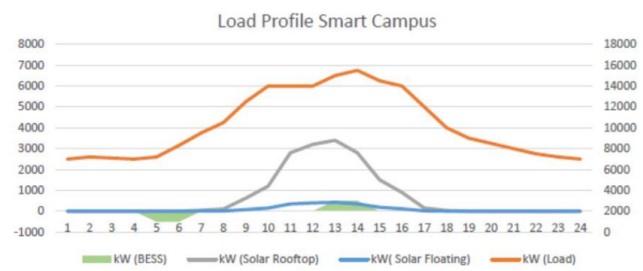


Energy usage real-time monitoring system



Smart battery installation

Thammasat University has received support from ERC Sandbox Project, which is a collaboration between Thammasat University and Electricity Generating Authority of Thailand (EGAT), to implement an energy technology trial. At present, a battery energy storage system has been installed to store excess electricity produced from solar panels during daytime for later use during peak hours. EGAT's energy storage system automatically starts charging at 8 pm and discharging at 9 am. According to the TOU electricity meter, the use of batteries can save the electrical expense by about 400,000 THB per year, and the tracking systems allow users to quickly monitor the energy usage.



kW (BESS) = Electrical power from battery energy storage system
kW (Solar Rooftop) = Electrical power from rooftop solar panels
kW (Solar Floating) = Electrical power from floating solar panels
kW (Load) = Electrical loads in the buildings
Besides the battery system, an electricity consumption monitoring system has also been implemented. It allows real-time tracking of electricity consumption through a website which can report the consumption from specific rooms and buildings. This technology can support a local electricity trading system to encourage the optimal use of clean energy on campus.

Battery energy storage system installation



Energy and community in school

Energy Learning Center

Thammasat University has a plan to establish an Energy Learning Center for people interested in energy management. Each section in the learning center will be planned out by the energy organizations that collaborate with the University. The Solar Energy section will be organized by Solartron Public Co. Ltd. The Battery Innovation for Energy Management section will be planned by the Electricity Generating Authority of Thailand. In addition, this learning center will also provide a co-working space for the exchange of information, knowledge, and ideas on energy innovations.







DECENT WORK AND ECONOMIC GROWTH

Thammasat University values and contributes to economic growth support in local communities. The University also recognizes labor rights and ensures a good work environment for all personnel in Thammasat University.



Employment Practice

Benefits for Thammasat University Personnel

Faculty members and students are important parts that drive the work in the University and the dissemination of knowledge to the students and the society. However, these works would be impossible without the personnel in the support section.

In this regard, Thammasat University supports the welfare benefits of the employees of the University in all categories, including civil servants, university employees, permanent employees, employees from university income, and temporary employees, with the allocation benefits, funds and grants for the personnel such as Social security fund, Life and health insurance benefit, Disaster relief grants, Housing benefit, Provident fund, Credit fee support during master's degree education, and Child education benefits.

Besides, Thammasat University also gives priority to the health of our staff by providing them with necessary benefits, including basic health benefits and flexible health benefits. The flexible health benefits help cover other health expenses beyond the treatment cost, such as the expenses for health check-ups, extra health insurances, vision care, gym membership or activity, and fitness equipment, to ensure that all staff are healthy.



Happy Workplace

In addition to the allocation of necessary benefits to promote the welfare of employees in the University, having a proper working area is another important point that can encourage employees to perform their work efficiently and safely. Thammasat University recognizes the importance of such issues, therefore, we consistently manages the safety, occupational health and work environment, such as organizing meetings, surveying work safety practices, and checking the statistics on the hazards in the building including accidents, illnesses, and annoying incidents that interfere with the work and analyzing all the data to improve the safety of the employees.

Each faculty has established its own committee board to regularly monitor the working environment and organize related activities or trainings, such as:

“Workplace Change Strategy” training by the Faculty of Architecture and Planning

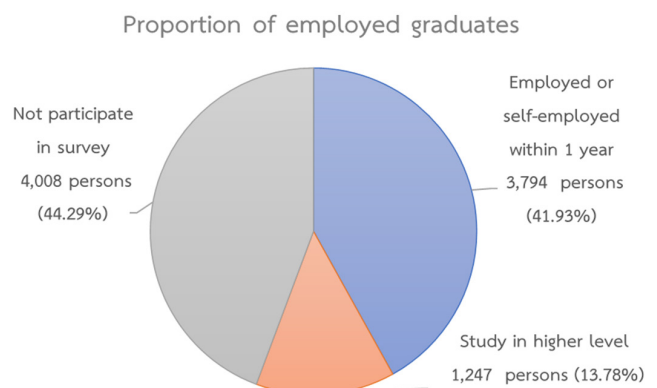
A training for an adaptation of the workplace environment to be the most suitable for work, as well for the management of spaces in the building by using the analysis of data from the building structure, and most importantly, from the users and their quality of work.

CIS Happy Cafe: Knowledge management for happiness at work by the College of Interdisciplinary Studies

CIS Happy Cafe is a gathering to create happiness in a workplace by organizing recreation activities such as cooking, folk sports competitions, handicrafts, to build relationships in the organization and allow the employees to exchange ideas and viewpoints to become more understanding, making work more efficient.

Proportion of graduates who are employed

Thammasat University pays great attention to the employment of graduates and has conducted an annual survey on graduate employment. In 2021, there were a total of 9,049 graduates from 115 courses. From the survey, 5,460 graduates participated and provided their employment information, which accounts for 60.34% of the total number of graduates. The number of graduates who became employed or self-employed within 1 year after graduation was 3,794 people, equivalent to 41.93% of all graduates who participated in the survey. The average income was 27,393 per month. In addition, the survey found that 1,247 graduates pursued further study.



Circular Economy Promotion Project for the communities

Thammasat University emphasizes on contributing knowledge to the development of the economy in communities to support sustainable income. Organizations in the University cooperate with government agencies to help expand knowledge into the community to contribute to sustainable local development such as:

Integrative Sub-District Economic and Social Development Project: University to Tambon (U2T) in Bang Krabue sub-district, Sam Khok district, Pathum Thani province

It is a project that utilizes the University's knowledge to develop communities in a variety of dimensions, both in improving the skills of the community members, developing local economy, and upgrading creative tourism and health care for the community. For this project, Thammasat University is responsible for the area in Bang Krabue sub-district, Sam Khok district, Pathum Thani province, and 48 sub-districts in Lamphang, Nan, and Chiang Mai provinces



Thammasat Model Project

It is a project by Thammasat Business School with Community Friend Association that was established by 5 entrepreneurs in Map Ta Phut area, Rayong province to help the surrounding communities. All parties bring their strengths together to improve the quality of life of the community. This creates opportunities for students to learn and practice with the communities' participation in solving the problems, so that the communities can continue sustainably after the knowledge transfer process that allows them to solve problems and achieve their goals.

This project has been ongoing for 15 years, starting as a project in Accounting/Business Administration for Society and the Nation course of the 5-year Bachelor-Master program. It was changed to TU100: Civic Engagement in 2018.



Discussion to drive economy and employment-related mechanisms

In addition to improving the local economy by directly solving the community problems, Thammasat University also recognizes the importance of using our knowledge to drive the change in mechanisms related to the economy and employment by organizing the following related discussions:

Seminar on “Contract Farming: Mechanism that causes agricultural product price fluctuation?”

This is an academic seminar by the Faculty of Law on contract farming to promote understanding and importance of the Contract Farming Promotion and Development Act, B.E. 2560 (2017) and its impact on agricultural commodity prices and on entrepreneurs.

Online seminar on “Sectoral Wage Share and its Decomposition in Developing Countries with Unlimited Supplies of Labor”

It is an academic seminar on fair and appropriate wages organized by the Faculty of Economics in cooperation with the Center for Research on Inequality and Social Policy (CRISP) to promote equality in employment and payment rates that are appropriate for the living cost in Thai society.



Thammasat University and Department of Industrial Promotion signed an MoU on academic collaboration to promote and develop creative industrial materials and industrial crafts

On February 3rd 2022, Thammasat University, represented by Assoc. Prof. Gasinee Witoonchart, the Rector of Thammasat University, and Department of Industrial Promotion, represented by Mr.Nattapol Rangsitpol, the Director General of Department of Industrial Promotion, signed an MoU on academic collaboration to promote and develop creative industrial materials and industrial craft between 2022 and 2024. This collaboration MoU was first established in 2006 between Industrial Crafts Design program of Thammasat University which has expertise in design and artistic creation and Creative Industrial Material Research and Development Center (CIM Center) which has expertise in research and development of earthenware materials to create added values and upgrade the potentials of the earthenware industry in Lampang province. This cooperation creates support for education, research, and transfer of technology to enhance the skills, both in production, industrial management, and industrial craftsmanship for Thammasat Lampang students, entrepreneurs, staff in the industry, and community enterprises, especially in the creative industry materials field.

The 2022–2024 MoU focuses on supporting the development plan for Lampang Province and the Northern region, as well as upgrading the economic structure in the industrial sector in the Northern region with technology and innovation through two forms of cooperation: 1) Skill training for the students from the Industrial Crafts Design program in product design and development and 2) Supporting materials, equipment, tools, technology, and facilities of the Creative Industrial Materials Research and Development Center for practical training for students, including research, design development, and industrial production for faculty and students of Thammasat Lampang. In addition, this collaboration allows the utilization of the Creative Industry Materials Research and Development Center in Ko Kha District, Lampang Province to increase the efficiency of raw materials and develop various product styles that match the identities of the province, especially for the image of “The City of Ceramics and Industrial Crafts” to be accepted in new contexts.



Thammasat Lampang organized free training on “E-commerce for local product entrepreneurs”

Thammasat University Lampang Campus organized a free public training on e-commerce for local entrepreneurs to be able to develop and create shops on online platforms for local products that are esthetic, interesting, and trustworthy. The training was offered as a hybrid event at Thammasat University Lampang Campus and through Microsoft Teams and was attended by 50 participants. The activities during the training included:

- Lecture on “E-commerce and case studies from successful community and agricultural product businesses” presented by Assoc. Prof. Dr. Anyanitha Distanont from College of Innovation, Thammasat University.
- Lecture on “Public speaking techniques for live streaming ads” presented by Asst. Prof. Chaiyut Tawharanurak from College of Interdisciplinary Studies, Thammasat University.
- Lecture on “Setting up shops on online platforms” and “Selling techniques for e-commerce” presented by Ms. Chonita Wonglertwatig, IT & Digital solution delivery expert and consultant.
- Workshop on “Product photographing and image editing for e-commerce” by Mr. Pakawat Boonhor, a graphic designer, and Mr. Piyapong Rotnaparai, an UX/UI Designer from Hydro Informatics Institute (Public Organization), Ministry of Higher Education, Science, Research and Innovation.



Thammasat Lampang explored tourism route to stimulate the surrounding community economy

Thammasat University Lampang Campus, led by Assoc. Prof. Dr. Supreeya Kaewla-iad, Vice Rector for Lampang Campus Administration and Law, welcomed Prof. Dr. Somkit Lertrpaithoon, Chairperson of the Commissioner, Higher Education Commission to explore the tourism routes of Lampang Province, including Wat Pong Yang Khok, Hang Chat railway station, Wat Pong Sanuk Nua, Wat Phra That Sadet, Louis T. Leonowens House which have historical importance in terms of culture and architectural style. Exploring this tour route is also to collect additional information to create a tour route that tells the story of the past of Lampang and to stimulate the surrounding community economy.



Faculty of Public Health won model organization on Work-Life Integration

Faculty of Public Health, Thammasat University received a plaque of honor as the model organization on work-life integration from Mr. Pongsak Thongratana, the Director of the Office of Organizational Health Support, Thai Health Promotion Foundation during Happy Variety Expo 2022, which was organized on the concept of “Camping Fair SHARE Happiness” on 19 September 2022 at Ramada Plaza Menam Riverside Hotel. Besides, eight staff from the Faculty of Public Health received certificates for participating in organizational health training workshops. The trained staff will transfer their work experience and experience in organizational development to further develop the Faculty of Public Health as a better model on work-life integration.



Thammasat Lampang announced intention to cooperate with 53 government agencies and the private sector

Thammasat University Lampang Campus, represented by Assoc. Prof. Gasinee Witoonchart, Rector of Thammasat University; Assoc. Prof. Dr. Pipop Udorn, Vice Rector for Academic Affairs; and Assoc. Prof. Dr. Supreeya Kaewla-iad, Vice Rector for Lampang Campus Administration and Law, discussed with the executives of 53 government and private sector agencies on the guidelines for developing academic cooperation with Thammasat University Lampang Campus to creating a partner network to exchange knowledge in research, academic activities, and academic services, and to cooperate on issues of interest according to the identity and distinctiveness of the organizations.

In addition, Thammasat University and Lampang Provincial Administrative Organization also agreed to prepare a memorandum of understanding for cooperation in academic activities such as joint research, special lectures, and international academic conferences. This memorandum of understanding will serve as a framework to facilitate further cooperation on specific projects. As part of Lampang Province and according to the university's policy that focuses on developing human potential to drive the country's economy, Thammasat University has designed teaching and learning to incorporate the outstanding points of Lampang Province to develop the potentials of the people in local communities in Lampang Province.

Assoc. Prof. Dr. Pipop Udorn, Vice Rector for Academic Affairs mentioned "The cooperation that will take place will range from sending skilled personnel to participate in case studies and organize projects using the local communities as real-life laboratories for learning and development according to Thammasat's guidelines, namely to work, study, and serve the community at the same time. This cooperation will help Thammasat Lampang Campus transform and contribute to the development of local communities to keep up with the modern world and become the labor force of the future to further enhance Thailand's competitiveness."



Puey Ungphakorn School of Development Studies and Community Organizations Development Institute signed MoU with the goal to (MoU.) “develop strong communities towards sustainable development and support local communities to have

During the seminar on cooperation in developing communities towards sustainable development between the Community Organizations Development Institute (CODI) and Puey Ungphakorn School of Development Studies, Thammasat University, 70 students from Puey Ungphakorn School of Development Studies studied the work process at CODI in developing local communities using the concepts of ‘community organization as the core, local area as the basis’. The students also learned about the role of community organizations in driving development work, driving concrete development work through projects to improve the quality of life of low-income people in urban and rural areas, and the power of the new generation with development work in local communities.

During the event, there was a signing ceremony of the Memorandum of Understanding on ‘Developing Strong Communities towards Sustainable Development’ between CODI and Puey Ungphakorn School of Development Studies with the goal to “develop strong communities towards sustainable development and support local communities to have good quality of life and become self-reliant.” Under this cooperation, CODI and Puey Ungphakorn School of Development Studies will work together on the following issues:

1. Supporting the further development of existing funds and operations in the community on various issues, including urban and rural community housing development, community economic and capital, community welfare, ‘Strong community model’ sub-district indicators, and innovations for knowledge management and communication.
2. Supporting knowledge management, knowledge development, and research related to community and social development leading to the development of social innovation to create change from the grassroots.
3. Designing the approaches and processes for personnel development including leaders of community organizations in academic work, writing, and research related to community and social development.
4. Coordinating and creating cooperation with the private business sector that work on corporate social responsibility to support their work in supporting community organizations.







INDUSTRY, INNOVATION AND INFRASTRUCTURE

As a higher education institute, Thammasat University recognizes the importance of creating new innovations and has made contributions in driving innovations in various dimensions.



Electric Wheelchair for Healthy Development of Children with Cerebral Palsy and Muscle Weakness

Nowadays the public pays more attention to the problems and difficulties experienced by children with cerebral palsy and muscle weakness, but the attention is still not enough to inspire an innovation to alleviate the problems or help with healthy development of the children. A team of students from Thammasat School of Engineering recognized that children with cerebral palsy and muscle weakness can benefit from interactions with non-disabled children in terms of their development, but their limitation is in their body movement, so they came up with an idea to develop electric wheelchairs for children with cerebral-palsy and muscle weakness.

The movement of the wheelchairs is driven and controlled through the main wheel that is connected to an electric motor. They can travel at 5 different speeds which are con-

trolled with a joystick. The front and rear wheels work as support wheels using a parallel link mechanism to keep all the wheels normal to the ground. The seats can also be detached from the frame and changed to a set up for standing position so that the children can change their posture for various activities.

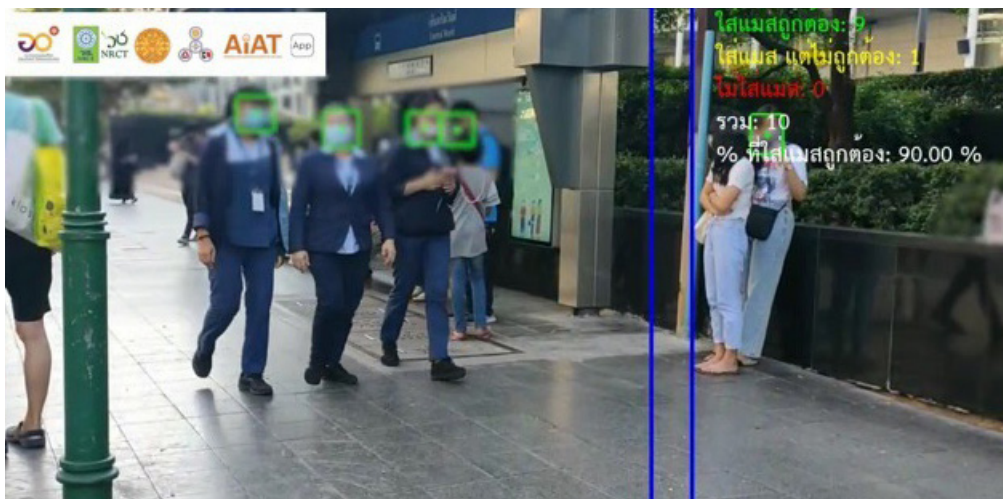
This wheelchair innovation from the students of Thammasat School of Engineering won a gold medal from Thailand Inventors' Day 2020, a silver medal from I-New Gen Award 2020, Merit Awards from i-CREAtE 2020 in Taiwan, and 3rd Runner Up Award from Motor Expo 2019. The developed wheelchairs have been delivered to Sirindhorn School of Prosthetics and Orthotics, Faculty of Medicine Siriraj Hospital, Mahidol University for prototype testing, and the feedback will be used for further improvement of the design.





mask is worn properly. It leads to the assessment of the behaviors of the visitors and the level of risk in specific areas.

Thammasat University takes pride in our role as the University for the People, so in the event of a national crisis, Thammasat always strives to help in alleviating and resolving the issues. As an educational institution with faculty members, resources, knowledge, research in various fields, Thammasat will never hesitate to use our capabilities for better life of the people.





TSE UVC Sterilizer

UVC radiation has a potential to completely kill COVID-19 virus. TSE UVC Sterilizer was designed and developed by Thammasat School of Engineering in the form of a 1.2-meter-tall pole equipped with 4 UVC lamps that have enough power to destroy the cell walls of COVID-19 virus. The lamps on the pole are installed at a 20-degree angle so that the radiation can reach the ground. This kind of sterilizer is appropriate for use in large spaces, such as public markets. Advantages of UVC sterilization is that all the virus on the surface that is exposed to the radiation is completely killed and it does

not require manual labor, unlike sterilization with alcohol. The cost of production of this UVC sterilizer is only 3,000–4,000 THB.

Thammasat University, as the University for the People that has several campuses in key strategic areas of Thailand, has always contributed to the improvement of the quality of life of the residents in the vicinity along with providing the public with academic services. During the national crisis due to COVID-19 that has a widespread impact on the people, Thammasat takes it upon themselves to create new innovations that can help relieve the situation.





Ozone Sterilizer for COVID-19

Ozone sterilizer innovation is another choice to prevent the spreading of COVID-19 virus. The ozone sterilizer can be used to kill COVID-19 virus and bacteria in a closed area. Its principle is producing ozone gas from electrochemical reactions in a corona discharge ozone generator to a concentration that is enough for sterilization. This sterilizer consists of a blower fan that distributes the ozone gas in the closed area, including hard-to-reach areas such as under the table, small nooks, and airless gaps. After the

sterilization is finished after the set time, the sterilizer will stop automatically, and the produced ozone will disintegrate naturally in 50-60 minutes at room temperature. However, it is advised to leave the area open to fresh air for 30 minutes before use. In the future, this ozone sterilizer can be further developed for use in classrooms with special functions, such as filtering particulate matters and musty smell and accelerating the ozone elimination time so that the classrooms can be used in less than 60 minutes.





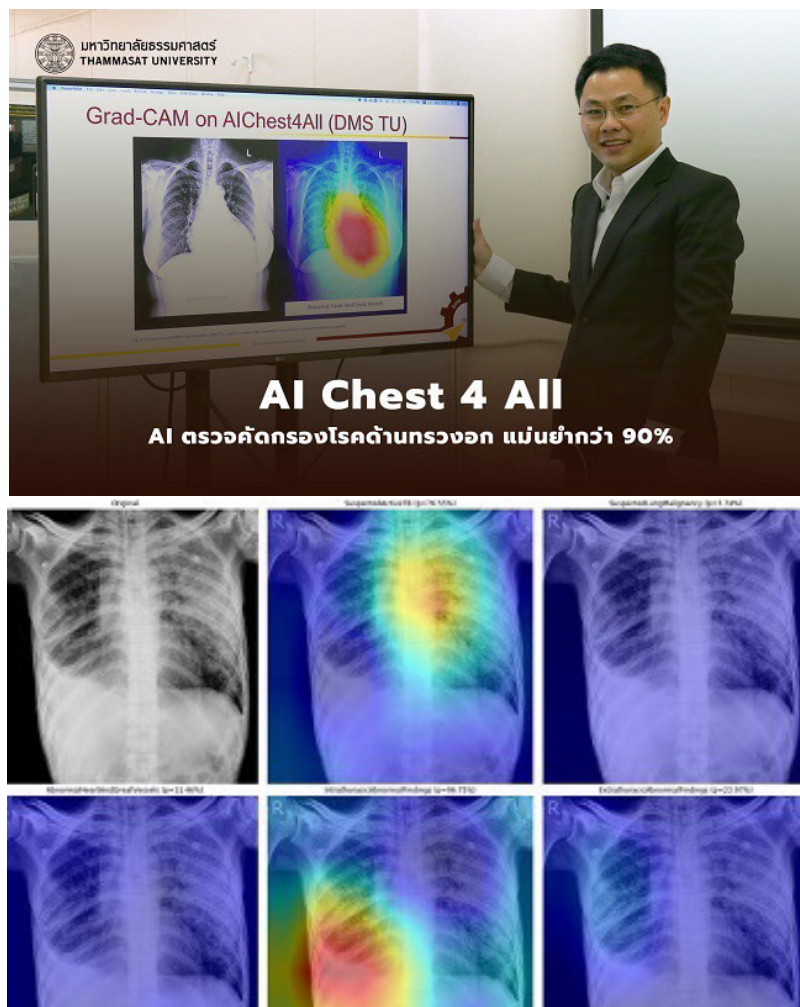
AI Chest 4 All: Artificial Intelligence Software for Diagnosis from X-ray Radiographs

Thammasat School of Engineering partnered with the Department of Medical Services, Ministry of Public Health in developing an AI software “AI Chest 4 All” to assist with the diagnosis from X-ray radiographs. This software can detect the abnormality of the X-ray radiographs as well as specify the probable diseases.

AI Chest 4 All is an AI software that is stored on a server. After an X-ray radiograph is taken at a hospital, it can be uploaded to the software for an analysis which takes 50 msec. The total time of an analysis, including sending and receiving data through the internet, is approximately 1 second. Once a

radiograph has been analyzed, the analysis result will be sent back to the controlling monitor of the X-ray machine at the hospital. With an efficient queueing system, AI Chest 4 All can currently service hundreds of hospitals all around Thailand, and the service can be expanded to accommodate higher demand.

At present, AI Chest 4 All can diagnose common prevalent diseases. In Phase 2, the capability to detect and differentiate between pneumonia and COVID-19 will be added to the software, and the accuracy of lesion detection will be improved.







REDUCE INEQUALITY AND INFRASTRUCTURE

Thammasat University recognizes the importance of reducing inequality in all dimensions, especially in equal access to education, necessary knowledge and skills, and job opportunities. The University has issued policies and practice guidelines and created activities to reduce inequality and ensure equal quality of life for all.



Numbers of students from underrepresented group at Thammasat

Proportion of first-generation undergraduate students and international students from developing countries

The total number of students of Thammasat University during the 2022 academic years is 44,216 students, 1,605 of which are first-generation undergraduate students, which accounts for 3.64% of the total number of students.

The total number of international students from developing countries who are enrolled in bachelor's, master's, and doctoral programs of Thammasat University during the 2022 academic years is 1,212 students, accounting for 2.74% of the total number of students

Proportion of first-generation undergraduate students and international

The total number of students with disabilities who are enrolled in bachelor's, master's, and doctoral programs of Thammasat University during the 2022 academic years is 167 students, accounting for 0.35% of the total number of students, which is the 4th highest in public universities in Thailand.



Proportion of staff with disabilities

In 2022, the total number of employees in Thammasat University is **9,211 people**, 16 of which are people with disabilities, accounting for 0.17% of the University's manpower.

In 2021, the total number of employees in Thammasat University is **8,855 people**, 17 of which are people with disabilities, accounting for 0.19% of the University's manpower.

In 2020, the total number of employees in Thammasat University is **8,899 people**, 13 of which are people with disabilities, accounting for 0.15% of the University's manpower.

Outreach programs and recruitment of students and staff from underrepresented groups

Thammasat University realizes the importance of access to the educational opportunities of those who are interested in pursuing further education by issuing the following policies on admission of underprivileged students and expansion of educational opportunities:

Student with Disabilities Project recruits persons with disabilities for enrollment, with a quota for 63 students per academic year. The proportions of eligible applicants with disabilities in each academic year between 2020 – 2022 are as follows:

In 2020 academic year, there were 10,128 eligible applicants, 18 of which are persons with disabilities, accounting for 0.18% of the total eligible applicants.

In 2021 academic year, there were 9,670 eligible applicants, 19 of which are persons with disabilities, accounting for 0.20% of the total eligible applicants.

In 2022 academic year, there were 9,330 eligible applicants, 30 of which are persons with disabilities, accounting for 0.32% of the total eligible applicants.

Thammasat University monitors and evaluates of the outcomes of the Student with Disabilities Project, i.e., monitoring academic performances of students with disabilities twice per academic year and following up on employment and further studies in postgraduate level of the graduates with disabilities. From the evaluation, more than 70% of the students with disabilities can maintain GPAX not lower than 2.00, and more than 80% of the graduates with disabilities become employed or continue in postgraduate study.



Thammasat Scholarship for Underprivileged Students with Academic Excellence in Rural Areas recruits underprivileged individuals whose family gross income does not exceed 240,000 THB per year and who are residents of the specified provinces. In each academic year, up to 150 applicants are chosen to receive fully- or partially-funded scholarships in order to promote access to educational opportunities and eliminate the barriers due to social status, economic conditions, domicile, or residence. This scholarship covers monthly expenses, costs for uniform, dormitory fees, tuition fee, medical expenses, accident insurance, and books and stationery allowance.

Citizen Volunteer Recruitment Project recruits individuals who participate in citizen volunteer activities both inside and outside school, up to 81 applicants per academic year, to encourage and support those individuals who participate in citizen and volunteer activities including those that benefit others and the society to have access to further education.

Outstanding Talent in Sports Project recruits individuals who have a portfolio of outstanding performance in sports, up to 61 applicants per academic year, to encourage and support those individuals who have outstanding talent in 36 types of sports to have access to further education.

Graduate Scholarship Program for Excellent Foreign Students by Sirindhorn International Institute of Technology grants scholarships to foreign students with academic excellence to allow access to education until graduation. In 2020 academic year, there were EFS students following countries: 1 student from Bhutan, 1 student from Cambodia, 2 students from Indonesia, 4 students from Nepal, 1 student from the Nigeria, 3 students from Pakistan, 6 students from Sri Lanka, and 5 students from Vietnam.

Employing persons with disabilities

In addition, Thammasat University has a policy to recruit persons with disabilities to work in agencies or faculties to comply with MINISTERIAL REGULATION PRESCRIBING THE NUMBER OF PERSONS WITH DISABILITIES REQUIRED TO BE EMPLOYED BY EMPLOYERS OR OWNERS OF BUSINESS FACILITIES AND STATE AGENCIES, AND THE AMOUNT OF MONEY REQUIRED TO BE REMITTED TO THE FUND FOR QUALITY OF LIFE PROMOTION AND DEVELOPMENT FOR PERSONS WITH DISABILITIES BY EMPLOYERS OR OWNERS OF BUSINESS FACILITIES, B.E. 2554 (2011) with a proportion of 1:100, In 2016, the University has been authorized by the University Board of Directors to increase personnel capacity by 10 persons specifically for the recruitment of persons with disabilities by organizing general competitive qualifying examinations that are specific for persons with disabilities.

At present, there are 17 personnels with disabilities in the following positions: Audio-Visual Technical Officer; Finance and Accounting Analyst; Supply Analyst, Practitioner Level; Finance and Accounting Analyst, Practitioner Level; and Educator, Practitioner Level.

Policies and practice guidelines

Thammasat University recognizes and values the importance of the countermeasures against discrimination and harassment of all forms, leading to the issuance of policies according to the following University Notifications and declaration of intent:

Thammasat University Notification on Policy on Gender Equality and Non-Discrimination against Women, LGBT People, and People with Disabilities designates a policy and practice guideline that focuses on protection from any discrimination or disadvantage in education or employment that is caused by the restrictions on social status, physical status, gender, age, ethnicity, locality, or social class.

This policy requires all agencies in Thammasat University to strictly follow the guideline to reduce inequality. Applicant qualification requirements for positions in Thammasat University will not be limited by social status, physical status, gender, age, ethnicity, locality, or social class, so that every individual has equal access to job opportunities by prioritizing qualifications or skills that correspond with the job description. Decision for admission, scholarship, and educational and skill development are also made without discrimination against gender, age, ethnicity, locality and social class to ensure that all individuals have equal access to education, and all students have access to scholarship as well as educational and skill development. Offenders whose actions are considered as discriminating, limiting, or causing disadvantage because of individual's status are subjected to disciplinary offense.

Practice Guidelines for Sexual Molestation or Harassment Prevention and Solution, Thammasat University, designates a practice guideline in compliance with the Penal Code section 397 and Gender Equality Act, B.E. 2558 (2015), which prohibit “[performing or not performing] any act dividing, obstructing or limiting any direct or indirect privilege without fairness on the grounds that such person is male or female or expresses themselves differently from their inborn gender”.

Details of the guideline against discrimination and harassment cover the following topics: definitions of sexual molestation or harassment, characteristics of inappropriate behaviors that are considered as sexual molestation or harassment, scope of victim protection, place of incident and feeling of victim, appropriate steps in case of potential sexual molestation or harassment, including the process petitioning a complaint about sexual abuse or harassment, and the measures for petitioner and witness protection. In case of sexual abuse or harassment, the offender, either student or staff, will be given disciplinary offense as the University has designated, and if the action is considered a criminal offense, the offender will be prosecuted by laws.

Declaration of Intent “The Promotion of Equality and the Elimination of Gender Discrimination in Compliance with the Gender Equality Act B.E. 2558 (2015)” as of March 2, 2020 announced Thammasat University's intention to comply with Gender Equality Act B.E. 2558 (2015) together with Department of Women's Affairs and Family Development, Ministry of Social Development and Human Security. This declaration of intent proposes a practice guideline to promote gender equality and eliminate gender discrimination as well as prevention and elimination of sexual abuse and harassment in workplace.

In addition to the issues policies, Thammasat University also established Sexual Safety and Sexual Awareness Promotion Board 2019 to regulate and manage all issues related to sexual safety and gender equality. This Committee comprises 15 specialists from within and outside of Thammasat University and is responsible for setting policy, strategic plans and action plans in the area of Thammasat University that recognize and take into account the subtlety of differences between genders, organizing activities that respect the human dignity and honor all individuals, preparing comprehensive preventive and corrective measures against sexual abuse or harassment and other related processes, as well as defining the processes of petition submission and assistance for victims of sexual abuse, harassment, or discrimination.

Sexual Abuse and Harassment Investigation Subcommittee, consisting of 8 experts and representatives of the students and staff, was established with the responsibilities to investigate, collect evidences, and summarize the facts from sexual abuse or harassment cases that occur to the students of Thammasat University and report to the Sexual Safety and Sexual Awareness Promotion Board of Thammasat University for further actions.



Activities and projects to support underprivileged students and staff

Thammasat University together with Office of the Ministry of Higher Education, Science, Research and Innovation has issued a policy on implementing The Integrated Subdistrict Economic and Social Enhancement Project (U2T) where Thammasat University is responsible for 50 districts, consisting of 48 districts in the Northern provinces of Chiang Mai, Lam-pang, Nan, and 2 districts in the Central province of Pathum Thani. The goals of this project are to increase employment opportunities for new graduates, students, and the public and to utilize the knowledge from the University to help enhance the economy and the society in each district toward sustainability, as well as to develop and improve 4 types of skills (digital, investment, languages, and social) to the employees.

Volunteers in the production of learning materials to students with disabilities to promote knowledge and foster imagination in visually impaired persons with the following activities:

- Producing e-books for visually impaired students, including MS Word and PDF files
- Producing Braille books from class materials or textbooks according to the needs of visually impaired students
- Producing audio books from class materials or textbooks
- Recruiting volunteers for the production of e-books, Braille books, and audio books

Thammasat University has implemented a project to prepare students with disabilities through the online system prior to attending the University to ensure their access to learning skills, daily self-help skills, as well as ability to communicate with other people effectively. The activities of this project includes educating about preparation for further education, developing skills in using equipment and supporting technology to assist in learning and seeking knowledge, including developing skills that students with disabilities require in daily life in the University.

Support services for persons with disabilities

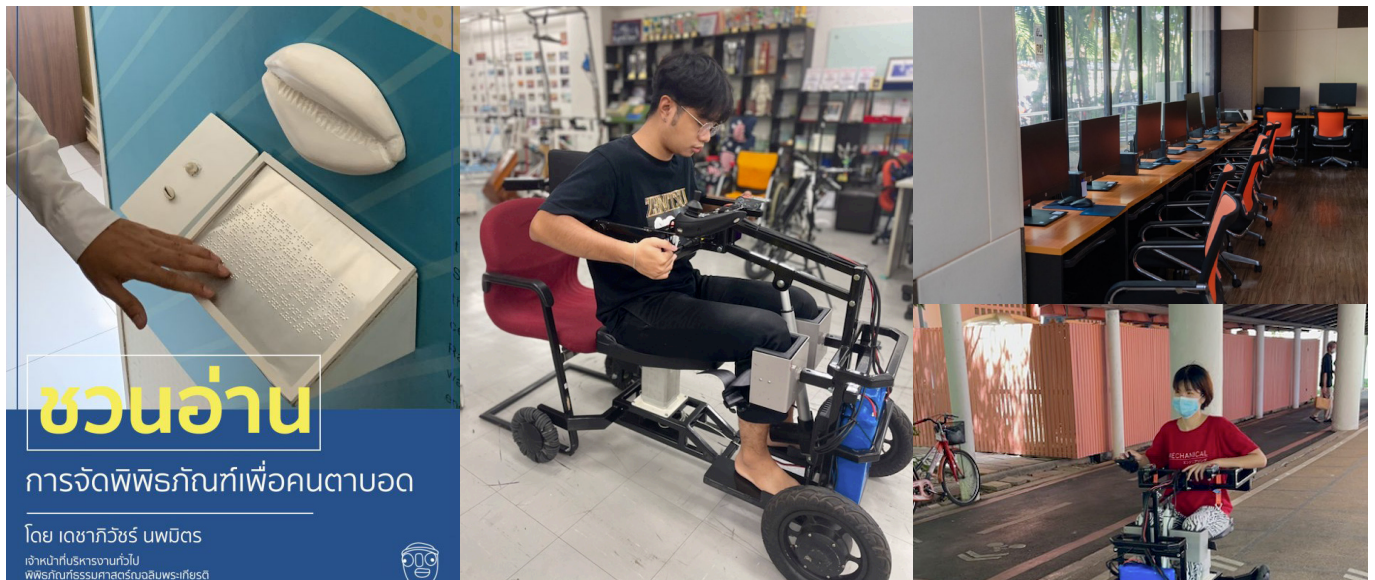
Thammasat University recognizes the importance of equal access to opportunities and services, regardless of individual status or restrictions. To support persons with disabilities, the University has established Disability Support Services to serve and support students with disabilities in various aspects with main responsibilities to support and help students with disabilities to access education and live in the University independently without obstacles and on equal terms with other people, so that the students achieve educational success and the graduates become employed. Disability Support Services offers the following services and supports:

- **Organizing educational guidance for students with disabilities**
- **Organizing orientation and the project to prepare students with disabilities prior to attending the University**
- **Supplying volunteers or buddies to help students with disabilities**
- **Assisting during enrollment, adding or withdrawing from a course, midterm and final examinations, supplementary classes and tutoring, as well as tracking academic performances and organizing study plan**
- **Providing financial support (tuition fee)**
- **Providing technological facilities, class materials, dorm rooms, and other physical environments that are suitable for students with disabilities**
- **Counselling services for academic and personal issues**
- **Potential development training for students with disabilities**
- **Assisting graduates with disabilities with employment**

Thammasat University has organized the following services for persons with disabilities:

- **Equipment and tools, including desktop image and letter magnifiers, portable image and letter magnifiers, white canes, braille displays, braille note-taking devices, electric wheelchairs, manual wheelchairs, wheelchair movers, electric adjustable computer desks, desktop computers, notebook computers, tablets for note taking, subtitles, voice recorders, and hearing aids**
- **Physical facilities, including accessible toilets, ramps, handicap parking, signs, elevators, poles, traffic light poles for students with disabilities, and sidewalks for visually impaired students**
- **Information media facilities, including braille books, audio books, media with magnifier**

In addition, Thammasat University has appointed The Board of Directors for the Disability Support Services and the Student with Disabilities Project Fund to correspond with the establishment of the Student with Disabilities Project and Disability Support Services in expanding educational opportunities to persons with disabilities who have educational potential. This board is responsible for planning the management and supervising the operations of Disability Support Services and Student with Disabilities Project Fund in various aspects to achieve equality and justice; protect the rights of students with disabilities; manage and coordinate with internal and external agencies to maximize the benefits of students with disabilities; study, plan and design the physical environment of the University for equal utilization of all individuals, as well as to propose guidelines in improving the physical environment of the University so that students with disabilities can live independently and have access to education and all services.

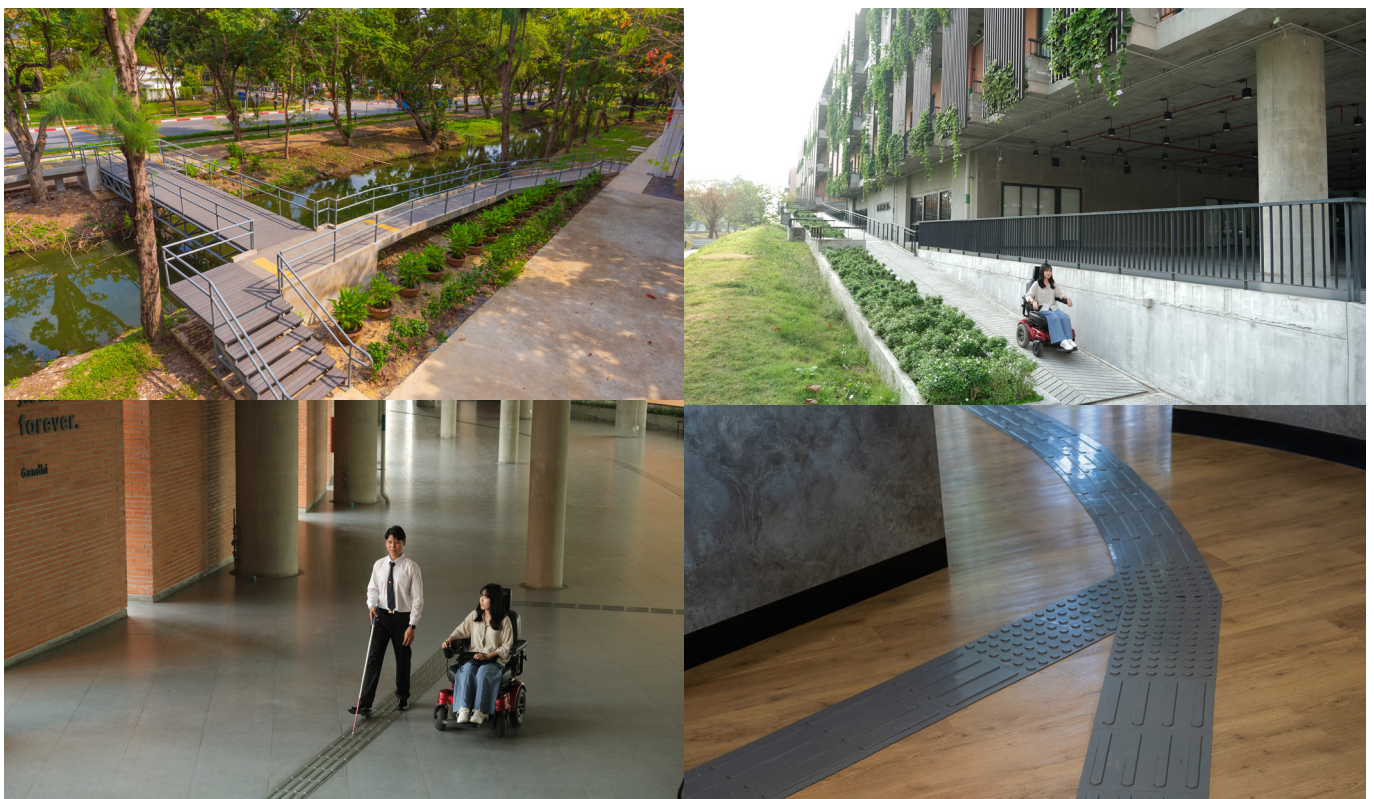


Universal design for all

Facilities and housing for persons with disabilities

Thammasat University has a policy to make areas within the University an area of universal design that allows the people of all groups in the Thammasat University and in the society an equal access and utilization of all the buildings. Disability Support Services has implemented projects to improve

the physical environment since 2012. So far, 21 projects have been completed which include development of the physical environment to facilitate students with disabilities, such as ramps, accessible toilets, handicap parking, signs, sidewalks for visually impaired students, elevators, etc.



According to Thammasat University Notification on Policy on Gender Equality and Non-Discrimination Against Women, LGBT People, and People with Disabilities which has designated policies and practice guidelines for all sectors to set up areas that are appropriate for the number of people, their limitations, and their gender identities and in accordance with student admission through Student with Disabilities Project, Thammasat University has implemented a policy on the provision of housing for persons with disabilities by providing rooms for all students with disabilities who wishes to stay in the University dormitories. Disability Support Services will submit the list of students who wish to stay in the dormitory together with their disability requirement to Property and Sports Management, which is the agency that manages the University dormitories, to allocate rooms to all students with disabilities. The University also gives students with

disabilities the right to specify their roommate (1 student with disabilities can specify 1 roommate) to serve as a buddy or assistance volunteer within the dorm room. This process allows all students with disabilities the right to live in the University dormitory without entering the dorm room reservation process with other students.

In addition, Disability Support Services together with Property And Sports Management has made improvements to the dormitories to make them appropriate for students with disabilities and allow the students to perform daily activities independently. Various parts of Asian Games Dormitory Building C8 has been improved, including 7 dorm rooms (bathroom and emergency button in the room, furniture and other facilities) and 2 access ramps.

All-gender restrooms

In addition, all-gender restrooms have been made available on campus which demonstrates Thammasat University's priority on freedom and equality, especially on promoting awareness on gender diversity and expressions that differ from the assigned sex at birth, including reducing the inequality that arises from the use of toilets that are separated according to gender binary. All-gender restrooms have been established to serve as symbolic and practical expression of the equality of all genders, to create awareness and recognition of gender diversity.

Inspection of the facilities for persons with disabilities

Rangsit Campus Administrative Division, Thammasat University has organized a meeting to prepare for the inspection of the facilities for persons with disabilities with the aim of explaining the details of using the Persons with Disabilities Facilities Checklist and try out the checklist before the field survey on the provision of the facilities. The facilities in the checklist includes parking spots, ramps, signs, information service points, restrooms and other facilities according to the Cabinet's resolution.

‘Young Architects’ workshop organized by Thammasat University Universal Design Research Unit

Thammasat University Universal Design Research Unit organized ‘Young Architects’ workshop for high school and vocational school students to raise awareness and instill the knowledge on proper designs for elderly people and people with disabilities according to the ‘Universal Design’ principle. The goal for this workshop is for the participants to apply the ‘Universal Design’ concept in their designs and inspire them to pursue their studies in the field of architecture or related fields.



The 15th National Conference on Persons with Disabilities (NCPD2023)

Thammasat University, in collaboration with Department for Empowerment of Persons with Disabilities, Ministry of Social Development and Human Security, was the main organizer of the 15th National Conference on Persons with Disabilities (NCPD2023): “Well-being Promotion for Persons with Disabilities through Innovation and Sustainable Development”. The goals of this conference are to open a space for a knowledge exchange on academic research, innovation, and technology development regarding the promotion and improvement of the quality of life of persons with disabilities, as well as to publicize these knowledge through academic seminars. These efforts were to support the research on the quality of life of persons with disabilities, allow them to have equal access to amenities, and create a sustainable society for all people to live independently and comfortably.





SUSTAINABLE CITIES AND COMMUNITIES

Thammasat University, the University for the People, aspires to become, safe, inclusive, resilient, and sustainable community for students, staff, and the public.

Inclusive

All campuses of Thammasat University are open to everyone regardless of their status, background, or cultural beliefs. Thammasat offers public access to green spaces, educational resources, and significant buildings and monuments. The University also promotes and preserves several forms of arts and local cultural heritage.

The Policy on Solid Waste Management is a policy that targets overall waste management in the University that encourages waste sortation into recyclable waste, organic waste, general waste, chemical waste, and hazardous waste and records the amount of each type of waste including those sent to landfills.

Green Spaces

The open, green spaces on the campuses at Thammasat University are completely open to the public. These spaces can be used for recreational activities and social events, and they also help in conserving and restoring ecological balance in the communities.

Rangsit Campus is Thammasat's largest campus with several green spaces available. The latest addition to the campus is Puey Ungphakorn Centenary Hall and Park. Right on top of the amazing historical building is Asia's largest Green Roof Urban Farm. This rooftop farm offers 7,000-square-meter plots for organic vegetable cultivation and serves as an educational space on sustainable, organic, urban farming. Eco-forest Park, next to Puey Ungphakorn Centenary Hall and Park, is another cultivated area that is used as a plant nursery and an educational space for the public to learn about ecological systems. Green spaces at the Rangsit Campus that are mainly used by the public in the evening especially for exercising are People's Park, a 20,000-square-meter lawn, and Solar Park, which offers large pedestrian walkways alongside an 800-m-long canal and tree corridors. Another open space that is useful to the surrounding communities in the morning and during lunchtime is Suan Tiam, an 8,000 square-meter square near the administration buildings that is a home to several food and beverage shops.





Tha Prachan Campus in Bangkok's Old Town area has limited space, but it still offers access to the public, open spaces. Pridi Banomyong Memorial Lawn is a memorial space named after Professor Banomyong who is a key contributor of Thammasat University. This 5,200-square-meter area is a home to "Dome Organic Garden" which is an organic urban farm that preserves and restores green space in the city center. Golden Lioness Shrine Waterfront covers a 100-meter stretch along the Chao Phraya River. It is a popular destination for relaxing, dining, and enjoying the river view for the public especially in the evening.

Lampang Campus, with more than 60% of the area covered with large trees, has converted a portion of its campus into an area for ecological conservation and restoration, named "Hybrid Park for Food Security", which is open to the public. This park covers a 32,000-square-meter area and is a home to medium and large reservoirs that are connected to all the on-campus canals. The reservoir system can store up to 48,000 cubic meters of water for use in agriculture and aquaculture.

Educational Resources

Thammasat University accommodates students, staff, and the public in accessing learning resources by allocating areas as learning spaces for people of all ages, including libraries, museums, and exhibitions.

The Public Library at Puey Ungphakorn Centenary Hall is open to the public free of charge, requiring only identification for access. It offers books from various fields, such as literature, art, religion, and philosophy, to service a wide range of people. A key highlight of this public library is the kids and youth book zone. However, other libraries at other Thammasat campuses allow public access with an entrance fee of 20 THB or approximately 0.60 USD.





Thammasat Museum of Anthropology is a public museum that exhibits artifacts for education and research to encourage the understanding of humanity in various dimensions through cultural objects. In addition to being a learning space for students in anthropology and sociology, Thammasat Museum of Anthropology also serves as a learning opportunity for the public on the understanding of humanity and groups of people amidst the diversity of their culture and interaction with the world.

At Tha Prachan Campus, the original campus of Thammasat University, several exhibitions on the history and the main contributors of Thammasat are open to the public. The exhibition in Thammasat University Hall of Fame tells the story of Thammasat University from its inception until the present, starting from “Tha Prachan area development before the establishment of University of Moral and Political Science” which used to be the Front Palace. Thammasat University Archives is an exhibition “Puey the Commoner: Life, Ideology and Works” that commemorates the virtue and contributions of the pioneer who expanded the University to Rangsit Campus. The exhibition in the Pridi Banomyong Monument Room commemorates the life and contributions of Professor Banomyong, the founder of Thammasat University and a senior statesman, to the development of Thai politics.



Culturally Significant Buildings and Monuments

Thammasat University is one of the oldest Universities in Thailand that has played an important role in national politics or governance. The campuses of Thammasat University, especially Tha Prachan Campus, is home to several buildings and monuments of historical and cultural significance that are completely open to the public.

On the second floor of Dome Building, the inaugural building of the University of Moral and Political Science, is Prof. Dr. Pridi Banomyong's office. During the Second World War, this room was the headquarter for the Free Thai Movement led by Prof. Pridi Banomyong in collaboration with the Free Thai Movement in the UK and the US.



Bodhi Court at Tha Prachan Campus became a symbol of democratic struggle of Thammasat and Thai society after the events of 14 October 1973 when students and civilians gathered here to demand constitution and democracy. Bodhi Court is still used nowadays during demonstrations of the new generation of youths who are anti-government as a platform to express their opinions on politics.



In memory of Prof. Pridi Banomyong, a senior statesman, a leader of the Free Thai Movement and an important figure in the University of Moral and Political Science, Thammasat University constructed Pridi Banomyong Plaza at Tha Prachan Campus and participated in the establishment and preservation of Pridi Banomyong Memorial at his childhood home in Phra Nakhon Si Ayutthaya province.



As a physical memory space with characteristics of both a monument for the remembrance of the event and a memorial to the deceased, the 6 October 1976 memorial commemorates Thammasat University's battle for democracy. It now serves as the main site for religious rites for the deceased during the annual memorial events.

Arts and Heritage Contribution

Thammasat University has an important mission to sponsor, promote and preserve cultures. The University promotes several forms of arts, from both Thai and other cultures through classes and clubs, as well as preserving local heritages both in the national and local levels. In FY 2021-2022, the total cost in operation of the University was 362,156,448 USD. The allocated budget for arts and heritage was 10,165,453 USD or 2.81% of the total budget.

Note: The exchange rate is assumed to be 1 USD = 35 THB

Faculty of Fine and Applied Arts of Thammasat University offers classes on Thai dulcimer, singing, Thai dance and Thai pantomime both in theory and in practice and organizes annual theater performances and Lakorn FATU Festival to showcase the students' thesis performances. Thammasat University also supports students' clubs that focus on art such as: traditional Thai music, western music, Thai performing arts, and Chinese opera. There are currently 10 art-related clubs, each of which organizes its own show every semester and participates in on-campus and outside events.

Thai Khadi Research Institute is the first institution in Thailand that is specifically established for the study of Thai society. At present, the institute focuses on creating new research works and providing academic service to the society to support a community of learning and preserve art and culture. In 2022, Thai Khadi Research Institute plans to cooperate with Thammasat University Lampang Campus to help in developing cultural travel routes and a local museum in Lampang province. This project is a part of the institute's missions to drive research and academic services related to both tangible and intangible arts and heritage, to promote the application of academic knowledge in developing local areas and to raise awareness on the importance of local heritage. The University of Moral and Political Science, the original name of Thammasat University, was constructed next to Sanam Luang, which used to be the office of Phra Rajawang Bovorn Sathan Mongkol or the Front Palace. The office of Front Palace was abolished during the reign of King Rama V. Remnants of the Front Palace Wall have been discovered during the excavation for the construction of the new Multi-purpose Building 2 and are now preserved and exhibited at Tha Prachan Campus.



Near the tables along the Chao Phraya River beside the Faculty of Economics building at Tha Prachan Campus stands a small Golden Lioness shrine which is respected by Thammasat students, people in nearby communities, and those who operate boats in the Chao Phraya River. There are many versions of the Legend of the Lioness Statue. The most famous version is the love story of Lion and Lioness Statues that were on a barque that was importing goods for sale in Bangkok during the reign of King Rama IV. After a storm caused the barque to capsize, the villagers recovered the sunken goods, but they could recover only the lioness statue. The statue was placed on the river shore facing the land, but on the next day, the statue was found facing the river as if it was waiting for the lion statue that was sunk in the river.

Safe

Thammasat University has developed a covered pedestrian walkway and bike lane system to reduce the use of cars on campus, promote the students' quality of life, and reduce pollution from the use of fossil fuel vehicles. The design of the covered walkways takes both the functionality and the aesthetic into account to ensure that the structure blends well with the surrounding environments and can safely accommodate heavy traffic.



Resilient

With the ever-changing environments, Thammasat focuses on creating a community that is resilient to abrupt changes, such as those due to energy resources and pandemics.



Remote Working

Thammasat University consists of 4 campuses. The campuses are in different locations, so transportation between the campuses can be required for both the students and staff. In this era of information technology, Thammasat University incorporates new innovations into the working and learning environments to reduce greenhouse gas emission due to transportation and University's space utilization.

Thammasat University often holds inter-campus meetings and conferences. Currently, inter-campus online meetings can be arranged on Microsoft Team which reduces the need of long-distance transportation. Cooperation between departments uses written documents as the method of com-

Sustainable

Thammasat strives to create a community that can support people of all socio-economic statuses and optimize the use of technology and available spaces, both for the people of Thammasat and the local communities.

munication, so the resources that are consumed a lot during the processes are paper and energy used for document delivery. A system for e-document delivery within the University has been developed and incorporated to decrease the use of paper as well as greenhouse gas emission from the document delivery process.

Thammasat University has prepared our classrooms for hybrid classes with the aim to reduce transportation for both the staff and students, which would be required in the traditional classroom system. Besides helping with greenhouse gas emission, this policy also helps control the spread of COVID-19 during the pandemic.

Affordable housing

Thammasat University provides on-campus accommodation options for the University students and staff. The staff dormitories offer rooms at different price points, based on the provided amenities as well as the employee's salary. The cheapest room option without furniture comes with a private bathroom, water purifier, cable TV, and internet access costs 300 THB monthly, which is approximately 8.10 USD, while similar options in a private dormitory/apartment within 5 kilometers of the University cost a minimum of 1000 THB per month. Room options with furniture in the vicinity of the University starts at 2000 THB per month, while the University offers a similar room starting at 1,200 THB or 32.40 USD monthly. In comparison with accommodations outside the University, Thammasat staff dormitories provide alternatives with up to 70% discount.

Thammasat University provides on-campus housing options for the students at Rangsit and Lampang campuses. Rangsit Campus, which is the largest campus of Thammasat University, offers various types of rooms for the students with a 5-month term which allows the students to avoid paying rents during the summer break. The monthly rent starts from 900 THB or 24.30 USD per person for a 4-person dorm room with shared bathroom, which can compete with a furnished room within 5 km of the campus [29]. In Lampang Campus, the rent of a furnished 4-person dorm room starts from 800 THB or 21.60 USD. There are not a lot of private dormitory options around Lampang Campus. The cheapest option in a 5-kilometer radius from the campus starts from 1900 THB or 51.40 USD for a fan room, which is double of the minimum rent of a dorm room on campus.



Sustainable City

Thammasat does not only provide affordable housing for the Thammasat community but also collaborates with local authority as well as other agencies in the neighborhood to develop a sustainable city for the local communities.

Thammasat University cooperates with National Science and Technology Development Agency (NSTDA) and the District of Khlong Luang in the development of “Khlong Luang Smart City”.

This project aims to develop Khlong Luang into an area of innovations that benefits local communities and the society. Sustainably improves the people’s quality of life and transforms into a community of equality. In addition, Thammasat University also serves in the advisory board in the preparation of “Pathum Thani Smart City” development plan, of which the vision is to create “a city of innovations and health for the education and wellbeing of the people”.



Sustainable Development Plan

Thammasat University has a plan to update the university’s master plan, which will set the design guidelines for all new buildings on campus to be appropriate for the surrounding environment and energy efficient.

New buildings according to the updated master plan must be designed to reduce the use of energy and exhaustible natural resources. The design and construction of new buildings must consider the environment and sustainability issues. The building plan and the building envelope design must utilize environment friendly materials that satisfy national or international green building standards. In addition, the shapes of the building must facilitate the use of natural light in the building. The design must also include sunshades to reduce glare with an appropriate window to wall ratio for each direction to avoid overheating, as well as natural light monitoring and artificial light dimming systems to optimize the energy use.



The design of the artificial lighting system must complement the natural light to provide luminance that follows the standard of each area with the lighting power in accordance with Energy Conservation Promotion Act (No. 2) B.E. 2550 (2007). The artificial lighting system must contribute to the conservation of energy using various methods, such as using energy-efficient light bulbs, and setting automatic lighting schedules. All new buildings at Thammasat University have been constructed under this design guideline, and many of them have received environmentally friendly building awards, such as Social Complex Building 3 (SC3), the buildings at Thammasat Secondary School, Puey Ungphakorn Centenary Hall, and the building of Faculty of Learning Sciences and Education.

While keeping a sustainable building design in consideration, Thammasat tries to minimize new construction projects by repurposing existing buildings, for example, converting the unused Interzone Building into the first building of Thammasat Secondary School, converting the former Student Affairs Building into a new lecture building for Puey Ungphakorn School of Development Studies, and converting Kiang Dome Student Dormitory into the current Student Affairs Building.



In case that new construction projects are more suitable, Thammasat attempts to choose developed, underused sites as the sites of construction, such as those of Puey Ungphakorn Centenary Hall and Kittiyakhan Grand Auditorium.

The area of Puey Ungphakorn Centenary Hall and Park used to be the Asian Games Park, which was used for the 13th Asian Games in 1998. After the Games, this area became under used by the students, so it has been developed into this H-shaped building that has been planned to serve as the new center of the campus.

The area of Kittiyakhan Grand Auditorium used to be Gymnasium 2 that was used for karate, judo, and taekwondo matches during the 13th Asian Games in 1998. In 2011, amidst the historic flooding, Kittiyakhan Grand Auditorium, which was then Gymnasium 2, served as a temporary shelter for more than 1,500 flood victims. Gymnasium 2 was heavily affected by the flooding in 2011. The building was developed into Kittiyakhan Grand Auditorium, named by Princess Bajrakitiyabha Narendira Debyavati Rajasarinirajirabhorn, to accommodate large-scale activities for the people in the upper-central region, including Pathum Thani, Ayutthaya, Saraburi and many others.



Thammasat Lampang participated in ‘Tak Bat Peng Put’, a Lanna tradition of the Northern region

The executives, staff, and students of Thammasat University Lampang Center participated in ‘Tak Bat Peng Put’ to continue a Lanna tradition of the Northern region and to support Buddhism and Buddhist culture. ‘Tak Bat Peng Put’ is a Lanna tradition carried out on the 15th day of the waxing moon which is also on Wednesday. On this day, Buddhists prepare food and offer them to the monks right after midnight of Tuesday, which is at the first second of the full moon Wednesday. This tradition is carried out to remember Upagupta, a Buddhist monk who was the spiritual teacher of Ashoka the Great.



Thammasat restored and updated 300-year-old medicine recipes from ‘Medicine of King Narai the Great’

Thai Khadi Research Institute, Thammasat University, researched and updated medicine recipes from ‘Medicine of King Narai the Great’ book. Associate Professor Roj Khun-anake, Vice Rector for Student Affairs and a former director of Thai Khadi Research Institute, as the person who initiated the research on ‘Medicine of King Narai the Great’ revealed that the medicine recipes in this 300-year-old palm leaf medical scripture that was recorded from the era of King Narai the Great had good properties and were very beneficial. However, because they are ancient medicine recipes, people today may misunderstand or misinterpret the ingredients or instructions. Thai Khadi Research Institute, therefore, have been systematically studying and researching traditional Thai medicine since 2009 with the aim of restoring these medicine recipes to be as accurate, easy to understand, and up-to-date as possible.



“Born to Beyond”, 14th Design Thesis Exhibition from Industrial Crafts Design program, Faculty of Fine and Applied Arts

The Faculty of Fine and Applied Arts organized “Born to Beyond”, 14th Design Thesis Exhibition showcasing the design projects by 4th year students from Industrial Crafts Design program. Industrial Crafts Design program is the first course in the country that recognizes the importance of the design of industrial craft products. The course was established with a philosophy that emphasizes the importance of wisdom of local arts and culture at the regional and national levels which has uniqueness and identity that is always a challenge to achieve. In the last two years of the study, there will be an intensive analysis and synthesis of the work piece design from the integration of knowledge techniques for materials and technology in the case of local arts and culture and creativity.







ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

Resource efficiency is a key to a sustainable development of a community. On one hand, Thammasat University has rolled out a policy on sustainable public procurement of goods and services to encourage responsible consumption. On the other hand, the University uses an integrated approach to reduce, recycle, and reuse the waste that is generated in the university's area.



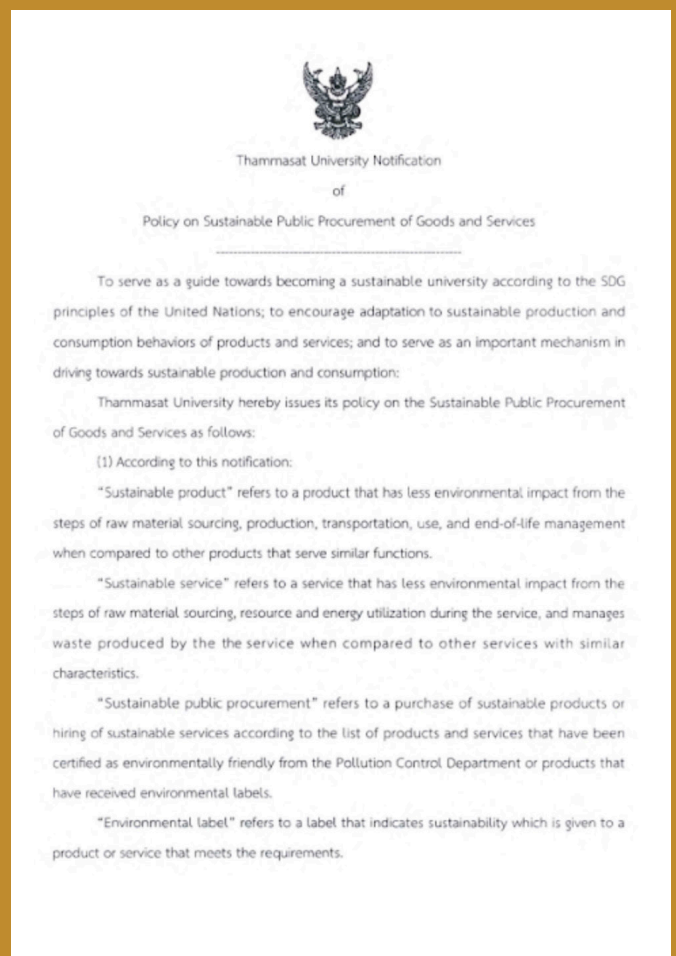
Operational measures

Policy Enforcement for waste reduction and sustainable consumption promotion

Thammasat University has a policy to promote sustainable consumption in offices, classrooms, and construction sites as well as utility usage. For the University to become a role model for sustainable consumption, we have rolled out two main related policies which cover the whole process of waste management.

Policy on Sustainable Public Procurement of Goods and Services has been published to encourage the students and staff to be involved with the environmental protection measures. This policy not only requires the staff to utilize goods and services that are environmentally friendly, but also encourages the entrepreneurs to develop production processes that are environmentally friendly and increase the use of environmental labels.

Besides, the staff from the organizations on campus have been trained on green procurement to promote the understanding and positive attitude towards green products.



waste sortation into recyclable waste, organic waste, general waste, chemical waste, and hazardous waste and records the amount of each type of waste including those sent to landfills.

Besides, this policy also promotes plastic waste reduction which is implemented through regular promotional activities. It also encourages signing contracts with counter parties that have waste management guidelines that are in line with the University's policy and requires the on-campus organizations to supervise the counter parties in goods and service procurement from outside organizations as well as setting penalties for violating the University's guidelines.



Establishment of Laboratory Safety Standard Network

Thammasat University has submitted a list of laboratories to participate in a laboratory safety improvement activity. Of the 15 participating laboratories from 7 institutions, Engineering and Technology Laboratory of Thammasat's Center of Scientific Equipment for Advanced Research showed the highest improvement by as much as 52.9%. Other laboratories from Thammasat University that have been selected to participate in a laboratory safety maintenance activity are Pharmacology and Toxicology Laboratory of the Faculty of Allied Health Sciences, Bioprocess Engineering Laboratory of Facul-

ty of Science and Technology, Biochemistry Laboratory of the Faculty of Medicine, and Molecular Microbiology Laboratory of the Faculty of Allied Health Sciences.

During the activity, the Laboratory, Biological, Chemical and Radiation Safety Subcommittee of Thammasat University organized a workshop to promote the safety of chemical usage in laboratories and visited laboratories on campus to ensure that laboratory classes were conducted according to the policy on occupational safety, health and environment.



Thammasat University Notification of Policy on Solid Waste Management

As Thammasat University has issued a policy on environmental management, solid waste management is a goal in advancing Thammasat University toward becoming a sustainable university. For proper, systematic, and effective waste management within Thammasat University, policy on solid waste management is hereby issued for students, staff, store owners, as well as individuals who perform other activities that create garbage or waste materials within the area of Thammasat University, as follows:

(1) Sort waste into the following categories:

- (1.1) Recyclable waste
- (1.2) Organic waste, leaves, twigs, weeds, food scraps
- (1.3) General waste
- (1.4) Chemical waste and hazardous waste
- (1.5) Infectious waste

and track the amount of waste created in each building, agency, and activity as much as possible to compare the occurrence of each type of waste at various times during the academic year, which will reflect the waste generation behavior of users in each area.

(2) Reduce the use of all types of single-use disposable plastic, such as plastic bags, food-grade plastic bags, plastic cups, plastic bottles, plastic straws, and plastic forks, spoons and containers, as well as minimize the amount of single-use disposable waste or reuse it until its end of life.



Infectious Waste Management

Since the beginning of the COVID-19 crisis, Thammasat University Hospital has become the Medical Service Center for the local communities. The number of infectious wastes kept increasing due to those from the hospital as well as from personal protective wears, such as face masks and sanitary gloves. The sources of infectious waste are also scattered around the campuses. Thammasat University, therefore, plans to establish an Infectious Waste Disposal Center to reduce the spread of the disease and increase the University's waste management potential.

Due to the COVID-19 situation, people stay more at home and order take-away meals which increases plastic waste, mainly from single-use plastic containers. Once the COVID situation improves, public area management will be needed to ensure hygiene in the community, such as managing seats in canteens and promoting waste sorting to create a new normal lifestyle while minimizing plastic waste generation.



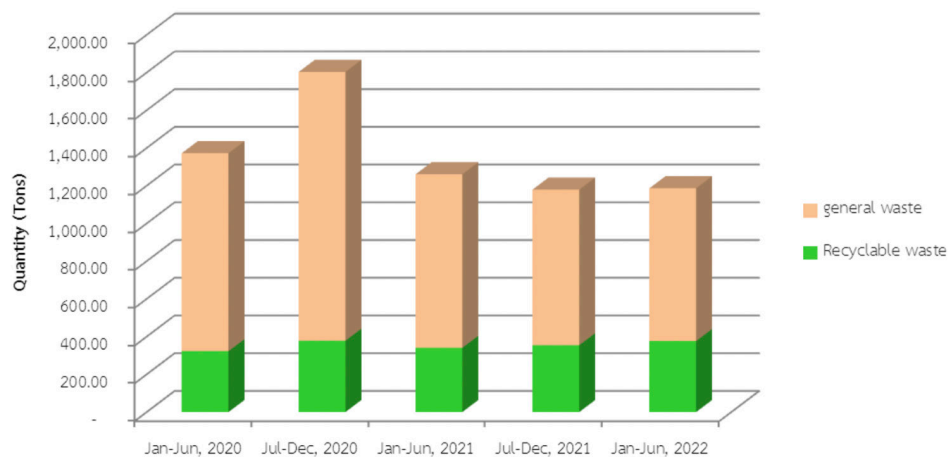
Infectious Waste Management

Proportion of recycled waste

Thammasat encourages the students and staff to sort waste into 2 primary categories which are recyclable waste and general waste through various promotional activities. Recyclable waste is further processed or used depending on the types of waste, while general waste is sent to a waste pit. Thammasat also tracks the amount and the type of waste generated in each month and uses several waste sorting technologies to improve the efficiency of waste sor-

tation and reduce the amount of landfill waste. Combined with the increased efficiency of the waste sorting center, the proportion of recyclable waste on campus has continually increased since 2020, while the total amount of waste shows a downward trend. These changes indicate the student and staff's commitment to responsible consumption which reduces the creation of single-use plastic waste.

	Jan-Jun 2020	Jul-Dec 2020	Jan-Jun 2021	Jul-Dec 2021	Jan-Jun 2022	Jul-Dec 2022
General waste (Tons)	1,050	1,425	920	825	810	798
Percentage	76.51	79.04	72.99	69.96	68.28	67.27
Recyclable waste (Tons)	322.31	377.99	340.43	354.17	376.35	385.61
Percentage	23.49	20.96	27.01	30.04	31.72	32.50



Plastic Waste Recycling

To fight the skyrocketing number of plastic waste during the COVID-19 era, each Thammasat University campus separates and recycles clean plastic bottles through their own recycling program. Plastic water bottles at Tha Prachan campus, especially after large gatherings, such as Thammasat's graduation ceremony, are donated to Wat Chak Daeng where every 15 bottles can be converted into a Buddhist monk robe. At Rangsit campus, every 8 plastic bottles are recycled into a PPE gown, which is in high demand due to the pandemic, for the personnel of Thammasat University Hospital.



Organic Waste Utilization

Due to Thammasat University's aim to become a zero-waste community, several organizations in the University have set up activities to encourage the reduction of waste as well as waste utilization, such as using organic wastes for compost. The compost is made by mixing organic waste with manure and leaving the mixture to sit for 60 days. From January 2021 until the present, 120 tons of compost has been made.



Waste management in public

Establishment of Waste Sorting Learning Center

The Waste Sorting Learning Center was established to publicize the knowledge on waste sorting. Visitors and researchers can access information about the waste sorting process that is appropriate with the current waste management situation in Thailand. The materials used in the learning center are recycled from different types of waste in the University such as display shelves that are made of fiberglass from broken desks.



The learning center is a part of Thammasat's waste sorting plant, so visitors can appreciate the real waste sorting process.



There is an exhibition on the management of organic waste, such as using food scraps as animal feed.



Joining Network Partnership on Hazardous Waste Management

Thammasat University cooperates with The Pollution Control Department (PCD) in joining the network partnership on hazardous waste collection from communities in Bangkok and all provinces in Thailand which is a collaboration between the government and private sectors. The first steps of this project are constructing community hazardous waste collection bins according to the PCD's guidelines and publicizing waste management knowledge to the students and staff in October 2022.

Example of hazardous waste collection bin design by PCD



UHT carton donation

Thammasat University has collected UHT cartons from recyclable waste bank and donated to Pathumthani Provincial Administrative Organization. These cartons will be forwarded to the 'Magic Box' project to be made into student desks. The latest donation from the University totaled 48.4 kilograms of cartons.

Proper disposal of hazardous waste

Following the replacement of light bulbs in various buildings in Rangsit Campus, a lot of light bulb hazardous waste was created. The University hires a professional waste management company to dispose of the light bulbs and other hazardous waste from other organizations on campus which will be performed on 17 August 2023. Tha Khlong Municipality also agreed to offer hazardous waste disposal service to the University on 25 August 2023 to collect any other hazardous waste.



Clothing Upcycling Project for the community

Puey Ungphakorn Centenary Hall collaborated with TU100 students and Singer Thailand in organizing 'Clothing Upcycling' project to help with income of the surrounding communities. Used clothing in good condition was fixed and updated to reduce fast fashion waste and increase the income of the surrounding communities. The participants come from the communities around Rangsit campus, including Siriphap, Khung Pha Phap, and Baan Man Khong communities. To ensure the sustainability of the project, Singer Thailand has donated 10 portable sewing machine for use in this project.





TAKE URGENT ACTION IN ALL ITS FORMS EVERYWHERE



Data submission for Low Emission Support Scheme certificate

Thammasat University has submitted the data from 3 projects to be certified under Low Emission Support Scheme (LESS) of Thailand Greenhouse Gas Management Organization (TGO) which are Recyclable Waste Bank of Thammasat University, Thammasat's Solar Rooftop, and Tree Plotter project to collect data on large perennial trees on Campus. The reduction on GHG emission due to these 3 projects totals 14,804 CO₂e per year. The university also plans to submit data from other projects for the evaluation, such as converting on-campus buses to electric vehicles, upgrading electrical appliances to be more energy-saving, etc.

Recyclable Waste Bank



Installation of Solar Rooftop





LSEd Green Office

The Faculty of Learning Sciences and Education has established the Green Office Working Group on 29 March 2022 to drive the social changes and build crucial foundations that benefit the prevention and improvement of environmental issues. The Green Office collaborates with several environmental promotion agencies in organizing activities, such as promoting waste sorting through PET to PPE Project, setting up electronic waste recycling points, joining HP Planet Partner in recycling used printer cartridges, and publishing organization's carbon footprint to prepare for Green Office certificate.



Promoting community adaptation to climate and environmental changes

Faculty of Architecture and Planning with the support from Canada Fund for Local Initiatives (CFLI) organizes educational activities on adaptation to climate change for the members of Pandan Collaborative Farming Group in Khlong Sam, Pathum Thani province. The aims of these activities are to promote the understanding of complicated risks,



especially the conditions of climate variability, to build a participatory process in design thinking to develop community products, and to promote safe farming for food security. IoT sensors have also been installed to collect data on air temperature, air pressure, humidity, wind speed, wind direction, amount of rainfall, and soil moisture level to study the effect of global warming on the areas of the collaborative farm, enable the farmers to adapt and prepare for climate change, and increase the resilience of the community.

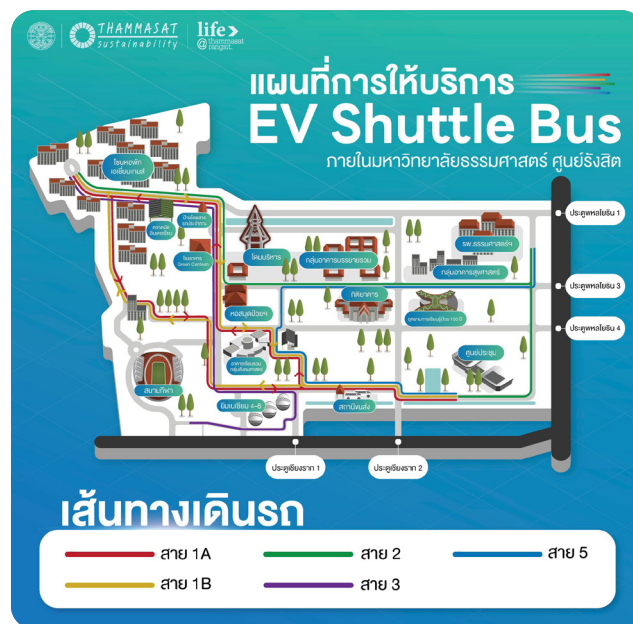
Wetland management for mitigation and adaptation to climate change

Thammasat University currently organizes various activities to promote conserving the environment in the neighborhood, including water sources which is a natural resource with importance in various aspects, such as improving ecological security, adding aesthetics to the landscape, and being a natural waste treatment system. In terms of greenhouse gas emission, waterlogged areas are the largest natural source of greenhouse gas emissions due to the accumulation of sediment at the bottom and along the banks. During the dry season, the lower water level allows the sediments to release methane and nitrogen compounds, which are many times more likely to cause global warming than carbon dioxide.

Water sources on Thammasat University Rangsit Campus covers 300,000 square meters which is approximately 10% of the total campus area, thus the University has to control the water level and reduce the amount of sediments in bodies of water through various activities, such as campaigns to collect waste and weeds from water sources on campus. These help with water drainage from the water sources which is Thammasat's attempt to reduce flooding on roads and maintain water security amid climate change in global warming that causes shorter but more severe rainstorms.

Reducing the use of fossil fuel in transport

Thammasat University Rangsit Campus has switched all of the service buses to 100% electric vehicles both for the transportation of the staff and the free shuttle buses on campus. This is our attempt to reduce the use of fossil fuels and move toward carbon neutrality.



To encourage the use of public transit on campus which helps decrease carbon emissions, the University has added the shuttle routes and timetables on TU GREATS Application which is a tool to communicate with the students and staff about on-campus activities and allow them to plan their travel efficiently. Besides, the University also offers 5 electric vehicle charging stations all around campus to encourage the use of electric vehicles.

The University is determined to promote the reduction of fossil fuel use in various ways to prepare for the change in consumption trends that will shift more toward low-carbon consumption.





CONSERVE

AND SUSTAINABLY USE THE OCEANS, SEAS AND MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT

For a long-term goal in conserving life below water and promoting sustainability of marine ecosystems.



Waste Collection in Canals and Rivers

On 12 August 2022, Thammasat University invited each internal organization to participate in the volunteer activity to collect waste in nearby canals, which was responded well by various organizations. This activity was organized to prepare the canals and other bodies of water on campus before the monsoon season. Canals that have been cleaned can receive more incoming water, and the lack of garbage reduces the toxicity for aquatic animals and prevents water quality degradation. The large number of bodies of water on campus requires collaboration from all organizations to improve the overall quality of water sources on campus, maintain their aesthetics, and support our abundant aquatic animals and plants.



Water Quality Improvement by Nano-Biotechnology Innovation

Thammasat University has collaborated with private sectors to experiment with using nano-biotechnology for wastewater treatment in the canal between Green Canteen and the Japanese Studies Center Building.

This technology provides nano-silicon for diatoms in water to produce nano-bubbles. This increases dissolved oxygen in water resources and catalyzes the degradation of the sediments. The decreased sediment volume slows down anaerobic digestion which is a cause of odor pollution. This nano-biotechnology product consists of living organisms which naturally spread and reproduce, so it can be a solution for sustainable water management without adding pollutants to water resources.



Research and International Webinar on “Microplastics in Environment”

The prevalence of microplastic in the environment has become a novel topic of concern for environmental scientists all over the world. One of the main researchers on the current microplastic pollution situation in Thailand is Professor Dr. Sandhya Babel, who has recently been ranked as a top 2% scientist in the field of Environmental Science by Stanford University in 2020. Professor Babel has conducted various research on water and wastewater quality. One of her recent research areas is on the microplastic contamination situation, including microplastic in water treatment plants, in the Lower Chao Phraya area, as well as in the food chain such as in cockles and mussels, which covers the microplastic cycle in water sources. She is also one of the initiators of annual webinars on global microplastic situations which started in 2021.



The webinar on “Microplastics in Environment” was co-organized by Sirindhorn International Institute of Technology and several partner agencies to promote the understanding of sources and measurements for the prevention or control of microplastic pollution in the environment and encourage the learning and research on microplastic contamination in the environment, especially in aquatic animals, which increases microplastic accumulation in the food chain and negatively impacts human health.

Kayaking for the Gulf of Thailand :Trash-picking kayaking in the Chao Phraya Estuary from Bang Pu to Bang Khun Thian

In 2017, Thailand was ranked as number 6 biggest contributor to plastic waste in the ocean due to the geography of Thailand that comprises 5 main rivers, which are the Bang Pakong river, the Chao Phraya river, the Tha Chin river, the Mae Klong river, and the Phetchaburi river, that flow into the Gulf of Thailand. Thammasat University is aware of the issues that arise due to littering in water sources which worsens the water quality in the ocean, so it has always been a main co-organizer of an annual activity to collect garbage while kayaking, which received great support and response from government, private sectors, and volunteers.



After the COVID-19 situation has eased up, Thammasat has collaborated with Save the Upper Gulf of Thailand Network and Department of Marine and Coastal Resources, Ministry of Natural Resources and Environment in organizing another 2-day trash-picking kayaking activity in the rivers that flow into the Gulf of Thailand. The participants started kayaking from Nok Kala School, Samut Prakan province and ended at Wat Saha-thammaram, Samut Sakhon province, covering a distance of 40 kilometers. This was also a survey of the coastal erosion situation and a warm-up activity to prepare for the coming-up 200-km trash-picking kayaking activity in the Gulf of Thailand.





Thammasat University in collaboration with Chachoengsao Province, Prachinburi Province, Department of Climate Change and Environment and the network of civil society organizations in the Bang Pakong River Basin organized “Boating for the Bang Pakong River” between 11–18 December 2022.



“Boating for the Bang Pakong River” trash collecting activity

Garbage problem is a very serious pollution to waterways and has been around for hundreds of years. We can see this most clearly during Loy Krathong festival and the consequences of floating krathongs. Even this year, there is still a huge amount of Krathong garbage, and it has resulted in the death of many aquatic animals even though garbage is created in the river only a few days a year. It shows that the river has never been truly revered because every day and every year, there is always garbage floating in the river.



The event started at the beginning of the Bang Pakong River where the Hanuman River and the Phra Prong River meet in Kabinburi District until reaching the mouth of the Bang Pakong River connecting to the Gulf of Thailand. The total distance is 240 kilometers. This activity aims to collect garbage in the Bang Pakong River and campaign for Thai people to stop littering into the river. Throughout the 8-day event, more than 2,400 kilograms of trash were collected. In addition to the boating activity to collect garbage and separating the collected garbage with the communities, there were also talks on various topics about the Bang Pakong River, environmental problems, and sustainable development every day throughout the 8-day event.





PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS



Tree Planting Activity at Eco-forest Park

In April 2022, students from TU100 course participated in a tree planting activity at Eco-forest Park near the water treatment facility. Ninety seedlings used in the activity were donated from the Royal Forest Department upon the University's request.



Relocating water monitor lizards to maintain ecological balance and safety of the residents

In Thammasat University Rangsit Campus, there is a type of reptile that is commonly found. They are known as Asian water monitors or *Varanus salvator*. They are 1–2-meter-long lizards with small regular scales, serrated teeth, and a forked tongue that is used for locating prey. They like to live near bodies of water and can swim well. Water monitors are quite peaceful and can be easily alarmed by humans. Their diets consist primarily of smaller animals such as fish, birds, and eggs of other animals. For larger prey, water monitors tend to target only the organs, leaving the carcasses behind which can cause rotting smell.

In Thailand, Asian water monitors are considered as protected wild animals, thus it is illegal to hunt or possess these monitors. Combining that with the lack of larger predators in Rangsit Campus, the number of water monitors can hardly be controlled. To maintain the ecological balance as well as reduce the disturbance due to rotting odor to the community, Thammasat asked for assistance from wildlife specialists to resolve these problems by relocating some of the monitors. On 3 July 2021, the officers from Phanthai Norasing Non-Hunting Area captured and relocated a total of 98 water monitors from Rangsit Campus to Khao-son wildlife breeding station in Ratchaburi province.



Tree plotter

According to the policies of Thammasat University to promote environmental sustainability by focusing on the management and creation of green space and tree conservation within Thammasat University, Rangsit Campus, our previous efforts aim to provide knowledge to the staff of Thammasat University so that they can assess damages on large trees and analyze potential risk that may occur if trees are not properly managed. Thammasat University has cooperated with Big Trees Foundation in developing and establishing Thammasat Tree Academy. Thammasat University has thus established Tree Plotter Project to extend the successful campaign to the people who are interested in proper large tree care especially toward younger generations or students who utilize the space of Thammasat University, Rangsit Campus to develop knowledge and promote care of large trees in Thammasat University, Rangsit Campus.

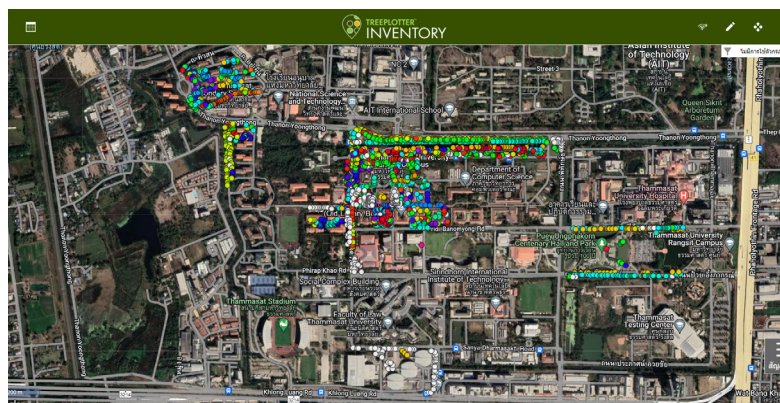
On 12 December 2021, a training course on care and assessment of trees at risk of damage was organized for both Thai and foreign students with support from university staff with expertise and representatives from Big Trees Foundation in educating the participants.



Survey of large perennial trees on campus



Trees within Thammasat University Rangsit Campus have an average trunk diameter of 23.71 cm (measured at the height of 120 cm), an average height of 9.79 m, and an average bush width of 6.8 meters. These trees yield the air pollution treatment capacity of 292,600 lbs per year and the carbon storage capacity of 341,834 lbs per year. (Calculations are referenced from the i-Tree database of the United States Forest Service.)



Areas covered in the tree survey in the Tree Plotter project

Tree Trimming at Wat Chalo Waterfront Market and Om Non Canal

Thammasat arborist team and students from TU100 course volunteered to prune and trim large trees at Wat Chalo waterfront market, which is a community market on Om Non canal that is a part of the original Chao Phraya River. With the help of Thammasat EC Ambassadors and the residents, the team managed to trim a total of 9 trees in only a few hours. The trees that used to be overgrown and ungroomed were thinned for aesthetic and to allow better air movement. Trees not only serve as shades during the day but also release oxygen to the environment and efficiently absorb carbon dioxide, fine particles, and other air pollutants. The Thammasat arborist team, therefore, is committed to practicing managing the trees on Thammasat campus so that they can contribute to other communities outside of Thammasat.



snail



slug



squirrel



Javan pond heron



dragonfly



dove



common sun skink



white pigeon



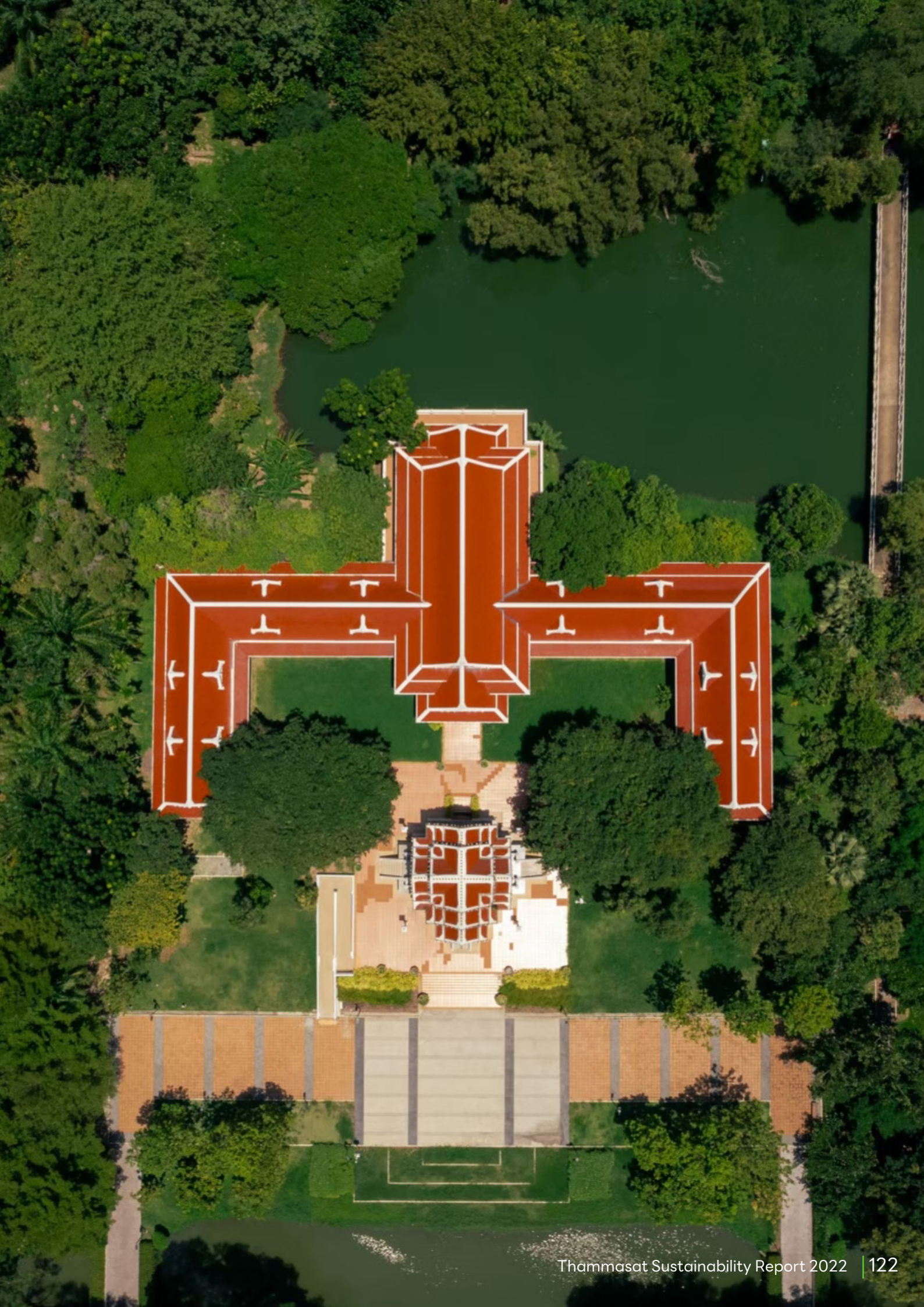
National Tree day

On the National Tree day 2022, Thammasat University, in collaboration with National Science and Technology Development Agency, Tha Khlong Town Municipality, and Bangkok Mass Transit Authority organized a tree planting activity at the Eco Forest Park and along Yoong Thong road in Thammasat University Rangsit Campus. This is another collaborative effort between Thammasat University and the neighboring organizations in developing the area around Rangsit Campus into the work ecosystem of the future according to the concept of “TU Rangsit: Smart city”



Thammasat Lampang participated in “One Million Trees” project

Asst. Prof. Pimchart Rossutham, Assistant to the Rector for Student Affairs and Communications (Lampang Campus) together with the staff from the Division of Lampang Campus Administration participated tree planting and weir building activities in “One Million Trees” project organized by Lampang Rajabhat University. During the event, there was an MoU signing ceremony on the cooperation in forest resource conservation, smog and forest fire prevention, community forests restoration, and carbon credits development between the community forest representatives and Lampang Rajabhat University.

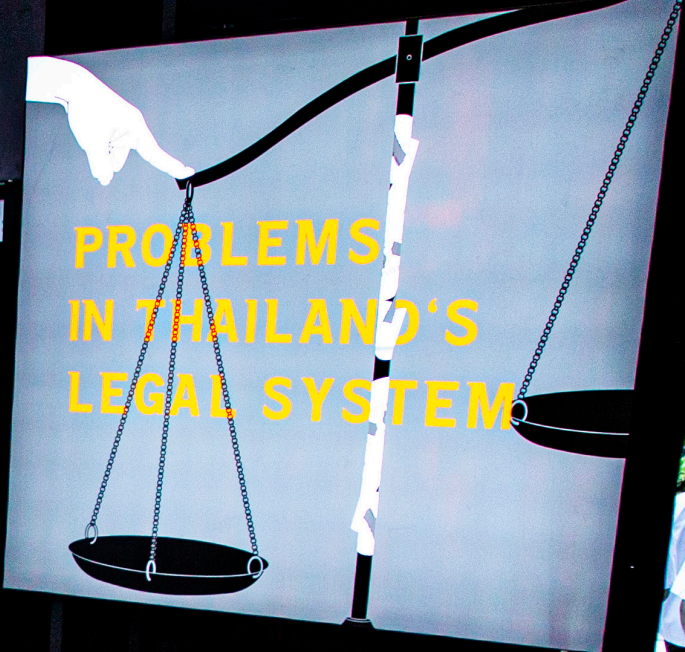
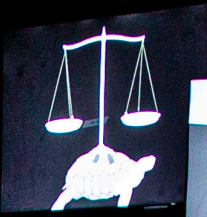


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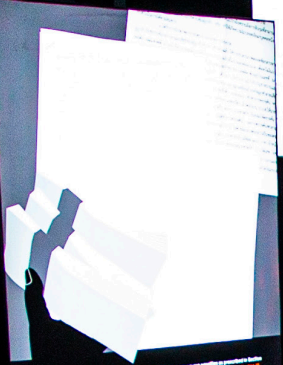
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ของภูมิภาคเอเชียตะวันออกเฉียงใต้ 384,488 คน
Thailand has the 1st highest number of prisoners in Southeast Asia

รายงานประจำปี 2564
ของมูลนิธิเพื่อสิทธิมนุษยชน
และการพัฒนา
ประจำปี 2564



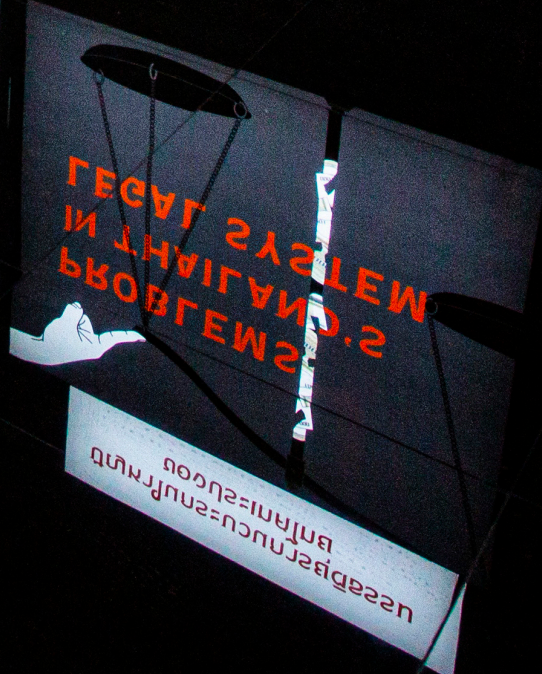
PROBLEMS
IN THAILAND'S
LEGAL SYSTEM

*JUSTICE
DELAYED
IS JUSTICE
DENIED*



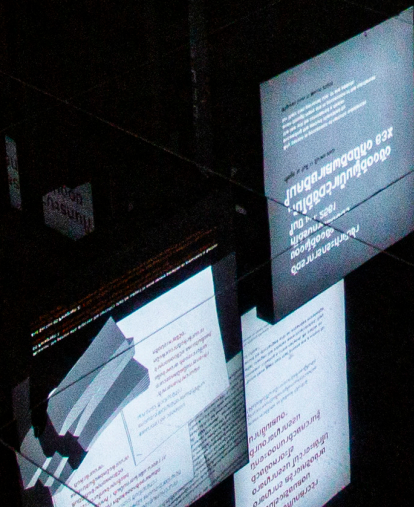
เอกสารที่ส่งมอบ
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ไม่สามารถเตรียมตัว
ต่อสู้คดีได้ทันเวลา

การล่าช้าในการ
ส่งมอบเอกสาร
ให้กับผู้ต้องหา
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LEGAL SYSTEM
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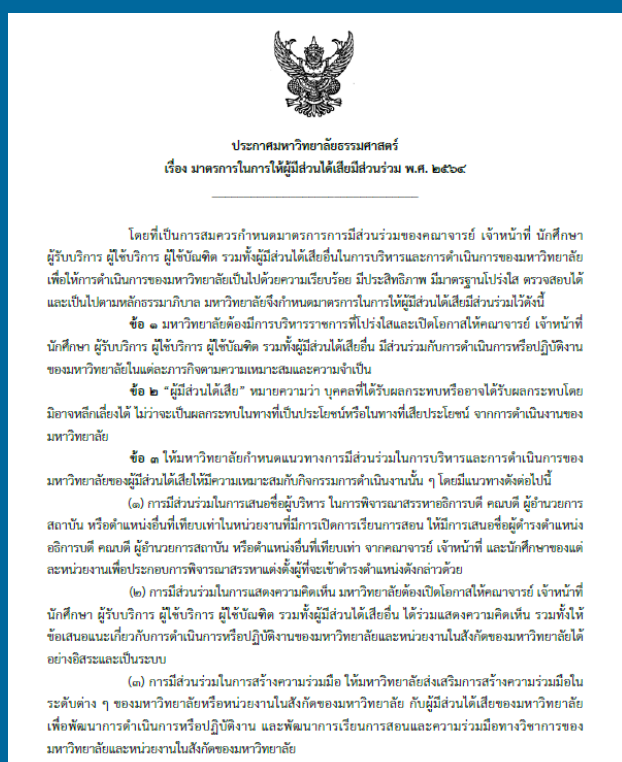
ปัญหาการล่าช้า
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ทำให้ผู้ต้องหา
ไม่สามารถเตรียมตัว
ต่อสู้คดีได้ทันเวลา

PROMOTE PEACEFUL

AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT,
PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE,
ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS

 **Thammasat University's written policy for external stakeholder engagement**

In 2022, Thammasat University continued its adoption of the Stakeholder Engagement Measure, which sets out the guidelines for engagement measures for internal and external stakeholders



Section 3 provides guidelines for stakeholder engagement

Item 2

states that the university must provide opportunities for customers of the university, employers of Thammasat University's graduates, and other stakeholders to give opinions and suggestions to improve the university's operation systematically and independently.

Item 3

encourages collaborations between the university and stakeholders to improve the university's operations, education, and other academic collaborations.

Item 4

states that when faculties and institutes need to improve their curriculums, they need to engage all stakeholders, including Thammasat University's graduates and external stakeholders, to provide comments

All institutions and departments are implementing these guidelines, especially in the context of curriculum updates and improvements. Furthermore, on several local development initiatives, Rangsit and Lampang campuses were actively involved with local authorities.

Thammasat's commitment

on principles and commitments on corruption and bribery

In 2018, Thammasat University announced its commitment to integrity in university administration, following the principles of Good Governance. As stated in the following Rector's announcement:

“ Thammasat University realises that corruption in government sector and government action not in accordance with good governance principle are serious challenges of our country. The university, as a result, has elevated its administration to fully commit to good governance principle and reduce any risks that would lead to corruption, bribery and conflict of interest at all levels of the university ”

In 2021, the university implemented the Anti-Corruption Action Plan (2021-2022) (revised in 2021). The university's commitment is stated in the following sections.

Section 1

Vision of the Action Plan, as follows: “Thammasat University is committed to being free from corruption, operating under Good Governance principles, and having an effective self-regulatory system”.

Section 5

states strategic directions, targets, and strategies. The strategic directions cover the followings: 1) build a good governance aligning operation system; 2) develop anti-corruption workflows and instruments; 3) develop a monitoring system on the anti-corruption endeavour; 4) nurture anti-corruption organisational culture. Evidence 3 shows the progress of the action plan.

Thammasat provides expert advice to government at all levels in 2022

Professors and Lecturers in almost faculties and colleges of Thammasat University have been providing expert advice to government at all levels (National, Regional/Provincial) in several areas of the Sustainable Development Goals (SDGs). The followings are some examples of the expert advice our faculties provided to national, provincial, and local governance, with public evidence.

Providing expert advice through participate in government committees:

National Level:

Assistant Professor Nattapong Puttanapong (PhD.) from Faculty of Economics, Thammasat University, was appointed as Economic Expert in the National Committee on Sustainable Development since February 2020.

Regional/Provincial Level:

Thammasat University in cooperation with the National Science and Technology Development Agency (NSTDA) provide expert advice to the provincial governor of Pathum Thani to design and implement the pilot area of Smart City in Klong Luang District where Thammasat University is located before expanding to the whole Pathum Thani and nearby provinces.

Assistant Professor Nattapong Puttanapong (PhD.) from Faculty of Economics, Thammasat University, was appointed as Economic Expert in the Committee for Bangkok Smart City in 2021.

Providing expert advice through research for government agencies:

In 2022, professors and researchers from Thammasat University participated in many government research projects.

As shown below, the topic of research ranging from the issues on tariff classification, legislative enactment, domestic violence victim protection to developing health care system and support system for aging society and people with disabilities to improving the employability in the labor market. Beneficiaries of these research projects include King Prajadhipok's Institute, Department of Women's Affairs and Family Development, National Sports Development Fund, Thai Health Promotion Foundation, Policy Research and Development Institute Foundation, Department of Empowerment of Persons with Disabilities, and Department of Skill Development. In the following table are some examples of government research in which Thammasat University participated.

Research Title	Author & affiliation	Government Department
Interpreting the harmonized customs tariff classification for goods import according to Criterion 2 (a) of the Emergency Decree on Customs Tariff of Thailand	Assoc. Prof. Dr. Supreeya Kaewla-iad and Dr. Patcharaporn Trinvuthipong, Faculty of Law, Thammasat University	The Central Tax Court; the Customs Department
Knowledge and tools for examining the need for legislative enactment	Assoc. Prof. Dr. Supreeya Kaewla-iad , Thammasat University Research and Consultancy Institute	King Prajadhipok's Institute
Developing laws to protect victims of domestic violence	Assoc. Prof. Dr. Napat Sora-at, Faculty of Law, Thammasat University	Department of Women's Affairs and Family Development
Studying and proposing guidelines for improving and amending laws, regulations, and announcements related to the operations of the National Sports Development Fund	Asst. Prof. Dr. Parichat Chuenwatanakul, Thammasat School of Engineering	National Sports Development Fund, Sports Authority of Thailand
Developing and strengthening the capacity of social and multidisciplinary care mechanisms and networks to support the primary health care system	Professor Dr. Rapeepan Kamhom, Faculty of Social Administration, Thammasat University	Thai Health Promotion Foundation

Research Title	Author & affiliation	Government Department
Developing a knowledge management system for an aging society to support the development of science, research, and innovation systems	Professor Dr. Rapeepan Kamhom, Faculty of Social Administration, Thammasat University	Policy Research and Development Institute Foundation
Development Plan for Women with Disabilities No. 2, 2017-2021, Final Phase	Asst. Prof. Ronnarong Jandai, Faculty of Social Administration, Thammasat University	Department of Empowerment of Persons with Disabilities
A model for the treatment and protection of the elderly in Thai society through activities to strengthen the values of various age groups	Assoc. Prof. Wannalak Miankerd, Faculty of Social Administration, Thammasat University	Thai Health Promotion Foundation
Studying the positive impact of expanding the scope of promoting legal skill development establishments on the economic system and labour market	Assoc. Prof. Dr. Saowatarn Phoklad, Faculty of Social Administration, Thammasat University	Department of Skill Development
Research on employability, ability to work, and the need for necessary work skills according to the demands of the Thai labour market	Professor Dr. Thunyalak Weerasombat, Faculty of Social Administration, Thammasat University	King Prajadhipok's Institute

Thammasat provides
**neutral
platform
& safe space
to discuss all issues**

The issues discussed in 2022 were ranging from gender identity recognition act, pardons from legal offense, juvenile delinquency, to politics and upholding the rule of law and democracy. Each forum was participated by academia from various institutions, pertinent government officers, and civil society representatives.

In 2022, Thammasat University hosted academic and social forum on several controversial development issues, reflecting the role of being a neutral platform and safe space for different political stakeholders to discuss development challenges and sensitive issues.

The Center of Public Law organized an academic seminar on the draft of Gender Identity Recognition Act on 15 November 2023 at the Faculty of Law, Tha Prachan Campus and live streamed at Thammasat Law Facebook page



Speakers:

- **Assoc. Prof. Dr. Matalak Seramethakul**, the Director of the Center for Criminal Law and Criminology, lecturer at the Center of Civil Law, Faculty of Law, Thammasat University, and a researcher on gender recognition laws.
- **Assoc. Prof. Dr. Arnon Mamout**, lecturer at the Center for Public Law, Faculty of Law, Thammasat University
- **Mr. Tunyawaj Kamolwongwat**, list MP, Move Forward Party
- **Ms. Chitchapa Panich**, transgender female lawyer

Moderator:

- **Dr. Pananya Larbprasertporn**, lecturer at the Center for International Law, Faculty of Law, Thammasat University

The Center for Criminal Law and Criminology organized an academic seminar on pardons at the Faculty of Law, Tha Prachan Campus on 29 October 2023

Speakers:

- **Professor Dr. Surasak Likasitwatanakul**, professor at the Faculty of Law, Thammasat University
- **Asst. Prof. Dr. Ronnakorn Bunmee**, professor at the Faculty of Law, Thammasat University

Moderator:

- Chayanisa Rodpipat, graduate student at Faculty of Law, Thammasat University
- Chalita Dokbua, undergraduate student at Faculty of Law, Thammasat University



The situation of juvenile delinquency in Thailand over the past 10 years is characterized by an increase in severity, complexity, and damage to the public. This situation results in misunderstanding of issues related to juvenile delinquency in terms of law, psychology and government operations towards this problem.

ร่วมคิด ร่วมแชร์ ร่วมแก้ปัญหาก่อนจะได้มาซึ่ง “อาชญากรเด็ก”!

วันพฤหัสบดีที่ 12 ตุลาคม 2566
เวลา 09.00 – 14.00 น.
ณ ห้อง 402 คณะนิติศาสตร์ มธ. ศูนย์รังสิต และผ่านระบบออนไลน์

ผู้ร่วมบรรยาย:

- รองศาสตราจารย์ ดร.มตาลัก เสรเมธะกุล (Assoc. Prof. Dr. Matalak Seramethakul)
- นายแพทย์สมชาย สุทธิรักษ์กุล (Dr. Somchat Suthikarn)
- อาจารย์ ดร.ยาดา เตจชัยเทียนประสิทธิ์ (Dr. Yada Dejchai Tianprasit)
- คุณกุสุมา พนมบุญสุข (Ms. Kusuma Phonnu-udomsuk)
- คุณอุกฤษฏ์ สอนพรหม (Mr. Ukrit Sornprohm)

Thammasatlaw | ลงทะเบียน

Speakers:

- **Assoc. Prof. Dr. Matalak Seramethakul**, the Director of the Center for Criminal Law and Criminology, Faculty of Law, Thammasat University
- **Dr. Somchat Suthikarn**, child and adolescent psychiatrist
- **Dr. Yada Dejchai Tianprasit**, the Assistant Dean for Student Affairs, Faculty of Law, Thammasat University
- **Ms. Kusuma Phonnu-udomsuk**, the Director of the Division of Family Institution, Department of Women's Affairs and Family Development
- **Mr. Ukrit Sornprohm**, project manager of the rule of law promotion working group, Thailand Institute of Justice

The Center for Criminal Law and Criminology is aware of the importance of organizing a forum to disseminate correct knowledge and understanding to students and the public in the juvenile justice process and has organized an academic seminar on “Let’s think, share, and solve problems together before there are more ‘Child criminals!’” on 12 October 2023 at the Faculty of Law, Rangsit Campus and live streamed at Thammasat Law Facebook page.

Center for Public Law, Faculty of Law, Thammasat University, organized a seminar on the topic “91 years of democracy and next steps after the 2023 elections:

Constitutional Rules Appropriate for Thai Politics” at the Faculty of Law, Tha Prachan Campus, and live streamed at Thammasat Law Facebook page on 24 June 2023.

91 ปีประชาธิปไตยกับก้าวต่อไป หลังการเลือกตั้ง 2566 : กฎกติกาทางรัฐธรรมนูญที่เหมาะสมสำหรับการเมืองไทย

วันเสาร์ที่ 24 มิถุนายน 2566
เวลา 08.30 – 12.30 น.
ณ ห้อง 402 เทนนิสทรู (LT.2) คณะนิติศาสตร์ มหาวิทยาลัยธรรมศาสตร์ ท่าพระจันทร์

วิทยากร

- คุณอภิสิทธิ์ เวชชาชีวะ รองศาสตราจารย์ ดร.โกสิน พงศา
- รองศาสตราจารย์ ดร.เจษฎ์ โทณวณิก
- รองศาสตราจารย์ ดร.ณัฐพร แสงนกกุล

ผู้ดำเนินรายการ
ผู้ช่วยศาสตราจารย์ ดร.กฤษ ภูผา

Thammasatlaw | ลงทะเบียน

Faculty of Law, Thammasat University in collaboration with Nitivajra Institute, Office of the Attorney General organized an academic seminar on “Understanding, Vision and Politics on Investigation to Protect People’s Rights” on 11 September 2023 at the Faculty of Law, Tha Prachan Campus live streamed at Nitivajra Institute Facebook page.



Speakers:

- **Professor Dr. Surasak Likasitwatanakul,**
Faculty of Law, Thammasat University
- **Assoc. Prof. Dr. Prinya Thaewanarumitkul,**
Faculty of Law, Thammasat University
- **Dr. Surasit Sangviroatjanapat,**
Court of Appeal Judge
- **Pol.Maj.Gen. Dr. Supisarn Bhakdinarinath,**
former Commander of Crime Suppression Division
- **Pol.Col. Dr. Mana Pochuay,**
Advisor to the Investigation Promotion
Committee, Royal Thai Police

Moderator:

- Mr. Vipon Kititsanasorchai,
the Director of Office of Criminal Law Research and
Justice Development

Faculty of Law, Thammasat University organized an academic seminar on “Thailand and the Rule of Law: Ethical Cases for Persons Holding Political Positions” on 5 October 2023 at Tha Prachan Campus and live streamed at Thammasat Law Facebook page.



Speakers:

- **Professor Dr. Taweekiet Meenakanit**,
former Judge of the Constitutional Court
- **2. Asst. Prof. Dr. Ronnakorn Bunmee**,
lecturer at Faculty of Law,
Thammasat University
- **3. Dr. Khemthong Tonsakulrungruang**,
lecturer at Faculty of Political Science,
Chulalongkorn University
- **4. Dr. Phattharaphong Saengkrai**,
lecturer at Faculty of Law,
Thammasat University





STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT



Relationship with government for SDG policy

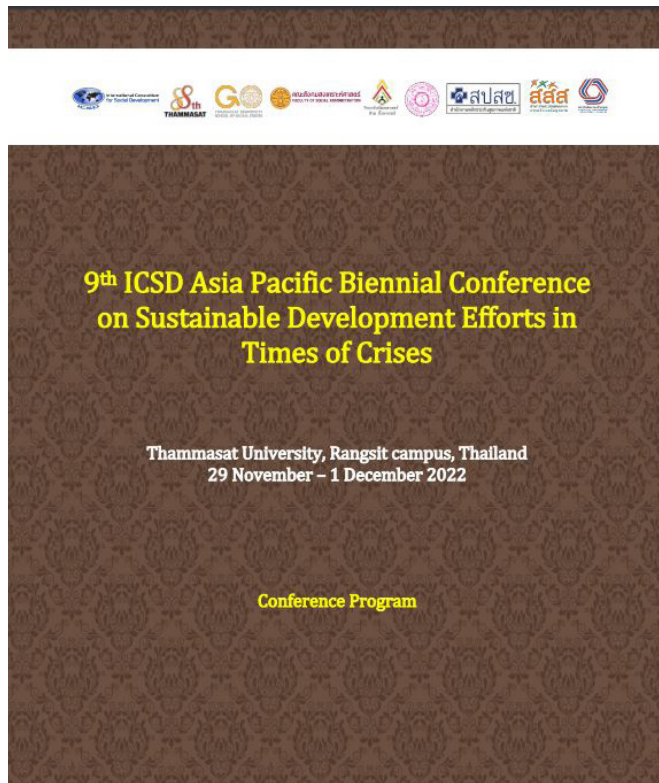
In 2021, SDG Move, Faculty of Economics, Thammasat University has completed multi-stakeholder, policy-focused research for Thailand Science Research and Innovation (TSRI) using SDG as the main framework to collect information on area-specific needs for a national research strategic plan. The information has been integrated as a part of the National Science Research and Innovation Strategic Plan 2023-2027



Cross-sectoral Dialogues about SDGs

In 2022, Thammasat University hosted 2 crucial cross-sectoral dialogues about SDGs.

- 1 The 9th ICSD Asia Pacific Biennial Conference on Sustainable Development Efforts in Times of Crises took place at Thammasat University, Rangsit Campus from 29 November to 1 December 2022.
- 2 Thailand Sustainable Development Forum 2022 which is a series of multi-stakeholder fora ranging from October 2021 to July 2022, hosted by SDG Move of Faculty of Economics, Thammasat University, and International Health Policy Program (IHPP). In 2022, there were 3 main events, which are:



Expert Working Group Meeting

on 5 January 2022 to discuss the issues from each 'transformation theme', evaluate the information prepared by Office of the National Economic and Social Development Council, and raise other important sub-issues.

Stakeholder Meeting

on 12 January 2022 to discuss the important sub-issues and identify gaps in the SDG System Building Block.

High-Level Experts Meeting

on 27 and 28 January 2022 between experts and representatives from research institutions, agencies responsible for driving the SDGs, and international institutes to make suggestions on the results from the previous two meetings.

From February onwards were the preparation of report for its presentation in July 2022 to go along with High-Level Political Forum on Sustainable Development which was held at the same time.

[illegible]



Working internationally to develop best practice on tackling SDGs

To celebrate the 85th Anniversary, Thammasat Business School hosted the 2023 EFMD Global Asia Annual Conference on 5-7 November 2023 at Millennium Hilton Bangkok, under the main theme “Highway to internationalisation: working towards a sustainable business school”. The conference was attended by deans and directors of business schools from all over the world. Mr. Mechai Viravaidya, the Founder and Chairman of the Population and Community Development Association (PDA), one of Thailand’s largest NGOs dedicated to poverty eradication, environmental awareness, HIV/AIDS prevention, family planning, democracy, and gender equality, was the keynote speaker on the topic of “Sustainability and Business Education.”



School of Global Studies, Thammasat University organized Circular Innovation Challenge (CIC) innovative hackathon from 23 September to 21 October 2023. CIC cultivates new generation of innovators, change-makers, and thought leaders in Circular Economy by bringing together thousands of young people from Southeast Asian countries to engage in intensive workshops on circular economy and design thinking bootcamp dedicated to Circular Innovation.

CIRCULAR INNOVATION CHALLENGE



Throughout the program, participants submerge themselves in sustainability challenges, break down the problems, and rapidly generate potential solutions. The ultimate goal of the challenge is to plant seeds in young minds of the importance of circular innovations for solving pressing sustainability challenges within the region, as well as globally.



Collaboration with NGOs for SDGs

The International Health Policy Program Foundation (IHPP Foundation) and Thammasat University's Center for SDG Research and Support (SDG Move), Faculty of Economics, worked together to conduct several SDG research projects and create SDG instructional resources in 2021–2022. Research on SDG implementation and monitoring mechanisms, as well as SDG Stakeholder Action Reports covering youth, academia, civil society, and volunteer sectors, are all part of the SDG research program. SDG Watch and SDG Port are among the SDG educational materials created as a result of this partnership. In 2022, SDG Watch published over 400 SDG articles. SDG Port is an SDG information base that compiles instructional materials and publications.

The Human Rights Lawyer Alliance and Faculty of Law, Thammasat University worked collaboratively to find volunteer legal assistants who were willing to assist those who were mistreated by government organizations.

Thammasat University cooperates with Konrad Adenauer Singapore and international networks

in gathering SDG data and best practice for “Accelerating Progress and Equity in Education”

Thammasat University, by Centre for SDG Research and Support (SDG Move), Faculty of Economics, Thammasat University, cooperated SDSN Thailand, and Konrad Adenauer Singapore in an international effort for gathering SDG data and best practice for “Accelerating Progress and Equity in Education” (directly related to SDG 4) in a project called Konrad Adenauer Sharing Political and Civic Engagements Spaces (KASpaces).



This project covers 12 countries including, Thailand, Cambodia, Indonesia, South Korea, Bhutan, Bangladesh, Malaysia, Pakistan, The Philippines, India, Taiwan.

There are two levels of activities, namely, national workshops and webinars from July until September 2021, and regional workshops in November 2021. While each country may focus on different issues, these topics were highly encouraged to include the following four topics, namely, blended learning vs traditional classroom, Infrastructure and teachers' development, Inequality in education, and new actors in education.

For Thailand, SDG Move and SDSN Thailand focused on Education for Sustainable Development (ESD) as the main theme and explored (1) the policies and governance, (2) practices, and (3) ways to unlock enabling environment for the ESD. Each workshop explored each topic respectively. Policy makers, scholars, representatives from government agencies and international NGO participated as panelists in the three workshops. International experts from Japan and UNESCO also joined to share their thoughts and experiences.

Reports from the three workshops are deliverables of the project for each country. Findings, case studies and best practices are included in the report. All national reports will be synthesized into a cross-country report on "Accelerating Progress and Equity in Education" to identify the common challenges faced by countries in Asia in achieving the SDGs goal and to find a collaborative framework in addressing the sustainable development goals.



KASpaces **KONRAD ADENAUER STIFTUNG**

REGIONAL ROUNDTABLE **CERTIFICATES PROVIDED!**

ACCELERATING PROGRESS & EQUITY IN EDUCATION

A WEBINAR BY KAS POLITICAL DIALOGUE ASIA & 13 PARTNERS

22ND – 24TH NOVEMBER 2021
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Register:
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SDG MOVE Thailand **KONRAD ADENAUER STIFTUNG** **KASpaces**

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หัวข้อการสัมมนา ครั้งที่ 3

ปลดล็อกการส่งเสริมการจัดการศึกษา เพื่อการพัฒนาที่ยั่งยืนของประเทศไทย

UNLOCKING AN ENABLING ENVIRONMENT OF EDUCATION FOR SUSTAINABLE DEVELOPMENT



Professor Katsunori Suzuki, Board Member, Japan Council on Education for Sustainable Development (ESD-J)



Professor Dr. Chanita Rukspolmuang, Vice President, Siam University



Dr. Sornnate Areesophonpichet, Board Members, Reinventing University at Ministry of Higher Education, Science, Research and Innovation.

ท่านสามารถดาวน์โหลดกำหนดการและลงทะเบียนการสัมมนาได้ที่ QR CODE นี้



กำหนดการ



ลงทะเบียน

22 กันยายน 2564
เวลา 09.00 - 12.00 น.

สอบถามข้อมูลเพิ่มเติม 062 7302999 (ณัทชิดา กองแก้ว) chananchida.gesdgmmove.com



SDG MOVE Thailand **KONRAD ADENAUER STIFTUNG** **KASpaces**

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หัวข้อสัมมนาออนไลน์ครั้งที่ 2

การจัดกระบวนการเรียนรู้ของการศึกษาเพื่อการพัฒนาที่ยั่งยืน

18 สิงหาคม 2564 เวลา 09.30-12.00 น.

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ลงทะเบียน



เอกสารโครงการ

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