

Sustainable Development Report of Phetchabun Rajabhat University

Sustainable Development Goals (SDGs)

2021-2022







Phetchabun Rajabhat University for Sustainable Development

Office of the President, Phetchabun Rajabhat Univesity.





Introductio

Phetchabun Rajabhat University operated on sustainable development following the 17 Sustainable Development Goals, covering development dimensions in development of people, economy, environment, peace, justice, and partnerships. The development is in line with the country's development guidelines under the 20-year national strategy, which is the goal of sustainable national development in accordance with the principles of good governance and a framework for developing a consistent and integrated national development plan together to develop the country to be stable, prosperous and sustainable.

The development goals of Phetchabun Rajabhat University are focused. The four development goals are Goal 1: No Poverty, Goal 2: Zero Hunger, Goal 4: Quality Education, and Goal 17: Partnerships for the Goals. The implementation process has developed a development plan and allocated budget to cover both the promotion of research. The dissemination of research results on sustainable development, teaching for sustainable development, service to Thai society ,sustainable global society, and practices and supervision under the Sustainable Development Goals of Phetchabun Rajabhat University to ensure that operations following the Rajabhat University Strategy and the Thailand Development Strategy.

Assistant Professor Dr. Preecha Sriruangrith
Acting President of Phetchabun Rajabhat University



































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NO POVERTY

End poverty in all its forms everywhere



Phetchabun Rajabhat University has organized activities to build a career for the elderly to create basketwork in Phetchabun. The event was held from May 30, 2022, to June 2, 2022. Ten people participated in the activity to solve the problem of unemployment among the elderly to have a career and solve poverty problems for the community to be strong, able to generate income and sustainable occupations by supporting Sustainable Development Goal 1, no poverty.

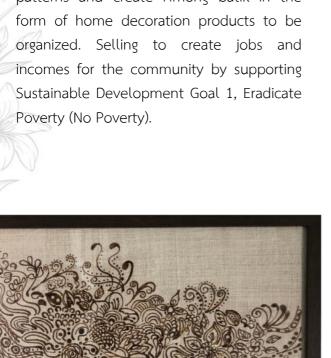






Phetchabun Rajabhat University placed important on promoting community products in various fields by building a career for the elderly, creating basketry work to educate villagers in Ban Ya Wi about basketry in Phetchabun. In terms of selecting materials and equipment are suitable for bamboo basketry works, having the elderly group to practice weaving baskets. The bamboo basketry works patterns used in weaving, such as Lai Kat. Lai Chalorm. Lai Pra-Chan (Lai-Hua-Sum), and Lai-Kon-Hoi, and practice in basket weaving, fans, colanders, threshing baskets, and bag creation from basketry works to produce them for distribution, creating a stable and sustainable income for the elderly and people in the community.

"Hmong Batik" is the art of creating patterns on fabrics are unique to the Hmong tribe. It is ancient wisdom and art from ancestors inherited by creating on clothes make them patterns to beautiful. The Hmong tribe uses beeswax to be boiled and melted, then dipped in bamboo sticks with metal and dragged the liquid wax to create an imaginary pattern onto the fabric to get a beautiful pattern on the fabric. Phetchabun Rajabhat University has organized product development activities from culture and tribal wisdom in Khaem Son , Khao Kho , Phetchabun to support wisdom and ancient arts, develop patterns and create Hmong batik in the Poverty (No Poverty).















Activities to add value to Lom Kao Woven fabrics with natural colors and create products by Phetchabun Rajabhat University together with Ban Phrao Weaving Group, Ban Noen, Lom Kao, Phetchabun during 17-20 May 2022, 20 participants were members of Ban Phrao Weaving Group, which organized an activity to add value to Lom Kao fabric with natural colors and create products by using colors obtained from nature to dye silk fibers for weaving Silk threads and materials obtained from the standardized project received The Royal Thail Silk (Golden Peacock), creating unique local products that generate income for the community. Originally, chemically dyed silk was sold for 2,500 baht per piece, when the Ban Phrao weaving group switched to using natural dyes and resulted in obtaining the standard from The Royal Thai Silk (Golden Peacock) for sale at a price per piece. 7500-8000 baht per piece by supporting Sustainable Development Goal 1, No Poverty.





By: LOMSTYLE trader in Ban Phrao, Lom Kao, Phetchabun

The Title The process of enhancing the model of career building for the elderly in the community in Wang San Wang Pong, Phetchabun

Researcher Dr. Nuntawan Phuaphan

Branch of research General Science program, Phetchabun Rajabhat University (Research Year: 2021)

Abstract The objectives of this research were to promote the learning process in building careers for the local elders and to strengthen the model for creating carrers for the elderly in the locality. The research team has studied related textbooks and conducted data collection by organizing a project in the area for a sample population of 30 people to use the data collected from the sample group to analyze the descriptive data to show the concept of development. For the process of enhancing the model for building a career for the elderly in the community in Wang San Wang Pong, Phetchabun by using the data collected and descriptively analyzed by group activities. For organizing training activities for the elderly in the localities to create a learning process and create a model for building careers to promote and build on local wisdom and knowledge and understanding activities to strengthen the rights of the elderly in the local area. From the researcher's analyzing the data collected from the activities, the results of the research were as follows: the elderly have some understanding of the word of the learning process. The researcher will provide a lecture to further enhance the understanding by defining the learning process and enhancing occupations for the elderly so that the elderly can use them in their daily lives. As for strengthening of the rights of the elderly, the researcher found that the population groups were more interested in the rights of the elderly to have a better understanding of their rights from the lectures of the researcher. The right that the elderly pay attention to and focus on the pension assistance by requiring the pension in a larger amount than before, in line with the current economy where the elderly cannot subsist with the pension amount.





ZERO HUNGER

End Hunger, achieve food security and improved nutrition and promote sustainable agriculture











Zero Hunger New product creation from new food sources from plants and animals of high nutritional value to food sustainability and the use of local ingredients created new food products of Phetchabun University high value. Rajabhat organizes activities for the development of the Ministry of Higher Education, Science Research and Innovation Operations to provide knowledge and drive community products to prepare for the process of raising product standards for community enterprises and entrepreneurs. Food and beverage types include Benjawan chili paste products, ingredients for making Benjawan chili paste are ingredients from the area of Khok Sa-at, Si Thep, Phetchabun. However. the food products developed with the support of Phetchabun Rajabhat University must be safe and have the necessary nutrition at an appropriate level. Access to safe and adequate nutrition foods supports food security following Sustainable Development Goal 2, end hunger, achieve food security and improved nutrition, and promote sustainable agriculture.







SDGsPGS Participatory Organic Agricultural Standards Inspector TrainingParticipatory training for organic agricultural standards inspectors SDGsPGS to promote sustainable agriculture, promote participation, promote learning in the area under the Sustainable Development Goals (SDGs) Sustainable Universities Programme, during 25–28 June 2022, 30 participants were trained to provide knowledge on soil contaminant testing, vegetables and fruits for the SDGsPGS participatory organic agriculture standard



inspector for farmers to obtain safe agricultural products Sustainable better living and income Increasing revenue, reducing costs, increasing productivity and sustainability This project aims to promote organic farming. Sustainable agriculture that controls the way of life of farmers All forms of production and management processes to achieve economic, social, environmental and ecological balance, which lead to self-sufficiency and improvement of quality of life for farmers and consumers. Support for the stability of Sustainable Development Goal 2, End Hunger Achieve food security and improved nutrition and promote sustainable agriculture





"Tofu"

High protein from cricket extract protein







GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages



Goal 3 Good health and well-being Phetchabun Rajabhat University operated community development projects under Covid-19 prevention measures every project and encouraged everyone to have good health through safe food production and consumption.

There were 30 participants in the project to enable the elderly to gain knowledge and skills in looking after their health. To provide the elderly with a better understanding, modify behaviors to take care of their health including nutrition,







People of all ages are encouraged to be healthy. Phetchabun Rajabhat University, together with Nam Ron Sub District Administrative Organization, Muang, Phetchabun, organized activities for the development of the Health Promotion Center for the Elderly, Nam Ron Sub District, Phetchabun Province, during May 2-4, 2022.

physical and mental rehabilitation, as well as understanding of disease in the elderly. Whether extracting herbs to make herbal inhalers, herbal compresses, herbal balms, or yellow oil (Prai oil) that can be used for self-care and career building.





Thai traditional medicine clinic Phetchabun Rajabhat University provides services in Thai traditional medicine, including examination, diagnosis, consultation with the science of medicine, Thai traditional by Thai providing treatment traditional medicine. Therapeutic services therapeutic massage massage herbal compress, herbal steam Mother's rehabilitation after childbirth. herbal medicine treatment, and bone arrangement to balance the body including the sale of herbal medicines and consulting on herbal medicines, open from Monday to Friday from 8:30 AM to 4:30 PM, supporting Sustainable Development Goal 3, good health and well-being.















QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all



"Equal education" for the underprivileged and the disabled. Education is a part of the important cog in the development of Inclusive country. access to education will enhance economic growth, close social gaps, create fairness, and reduce inequality in all dimensions. Phetchabun Rajabhat University organized activities to eliminate educational inequality for the disadvantaged and disabled at the Phetchabun Special Education Center during 13-14 June 2022 with a total of 30 participants, aimed at eliminating the problem of educational inequality

for the disadvantaged and disabled the Sustainable according to Development Goal number Ensuring that everyone inclusive and equitable quality education and supporting lifelong learning opportunities by conducting pedagogical skills training activities for teachers that ensure that all learners get acquire the knowledge and skills necessary to promote sustainable development innovation activities. Teaching and learning management for people with special needs with various disabilities can create paper-based teaching materials for competency development for people with special needs.







Faculty of Education, Phetchabun Rajabhat University organized a project to develop teachers in small schools and border patrol police schools who graduated which did not match the courses taught during July 2-3, 2022 at the Wichian Buri Conference Room, Phetchabun Primary Education Service Area Office 3 to develop teachers who graduated from different have knowledge and subjects to understanding of teaching and learning management and to be able to teach in educational institutions effectively, which results in teachers developing knowledge and skills necessary to use them to their full potential. Students learn happily and have a positive attitude in studying each subject and a positive attitude in learning, following Sustainable Development Goal No. 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.







Phetchabun Rajabhat University conducted short-term training activities implementing organic farming activities for commercial purposes during 15-24 March 2022. There were 30 training participants at the Center for Sufficiency Phetchabun Economy. Rajabhat University, free of charge under a project led by the Ministry of Higher Education. Science, research, and innovation to combined increase capacity provincial potential (Ministry of Higher Education. Science. Research Innovation Operation Unit), which aims develop manpower capacity in organic farming and create learning areas on organic agriculture. For the continued activity, there was a lecture on the topic "Edible University"

by the Model University Guidelines for Sustainable Land Development (SDGs). Environmental Resources for Organic Agriculture Terrain compositions suitable for sowing seeds, seedling care, making fertilizer, making products of biotechnology, planting, plant care, harvesting, and product management allows participants to apply knowledge gained from the activity to sustainable organic farming. It supports Sustainable Development Goal 4, ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.











TITLE THE DEVELOPMENT OF STEP MODEL TO ENHANCE THE CAPABILITIES OF EARLY CHILDREN IN INTEGRATED LEARNING MANAGEMENT OF SMALL SCHOOLS

Researcher Saruangphorn Kusonsong

Branch of research Early Childhood Education, Faculty of education, Phetchabun Rajabhat University (Research Year: 2021)







GENDER EQUALITY

Achieve gender equality and empower all women and girls



"Equal marriage" is another hot issue that has been moving both in society and online media in many countries. This extends certain rights for LGBTQ+ couples to the same rights that married heterosexual couples can live with in public and not face discrimination in the workplace. Although there are more LGBT+ people in gender-based education than in the past,

Therefore. Phetchabun Rajabhat University encourages people of all genders to have job opportunities while being gender-inclusive and accepting. This goal aims to end all forms of discrimination and reduce every form of violence against LGBTO+. Sustainability Goal 5 Achieve gender equality by Phetchabun Rajabhat University organized an activity "Rajabhat Fair 2022"





there is still a stigma against LGBT people in society. The idea has led to Discrimination against LGBT people is a barrier that separates LGBT people from opportunities, advancements, resources, and rights such as marriage, authorization for doctors to treat their spouses in the event of illness, gender certification, having children with medical technology, etc.

Walking Street (in front Phetchabun Intrachai Archeological Hall) Activities in the event include an exhibition to admire the wisdom of the way of life, the organization of good products and products of the Phetchabun community for sustainable development. Every work Phetchabun Rajabhat University has been pushing for gender equality with a team of all genders and ages to carry out various activities within the event.

















Gender Equality Phetchabun Rajabhat University encourages people all genders to have opportunities. Phetchabun Rajabhat University has a group of executives in Phetchabun Rajabhat University, partly female, supporting Sustainable Development Goal 5, achieving gender equality, empowering women and girls, and working towards achieving gender equality. It requires countries to end acts that cause unfair discrimination against women, physical and mental violence, and sexual harassment. It promotes respect for human dignity, the right to choose a partner according to the ageappropriate, as well as the right to develop one's potential and access to knowledge. Gender equality ensures that women have full, effective participation and equal opportunities for leadership at all levels of decisionmaking, promoting gender equality, and empowering all women and girls at all levels.



CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all



Clean Water and Sanitation, Phetchabun Rajabhat University has developed the university's drinking water brand to distribute to personnel and students with safe drinking water at reasonable prices, achieving goal 6, ensuring availability and sustainable management of water and sanitation for all.



Everyone has access to quality, safe drinking water at an affordable price. However, the drinking water production requires an appropriate infrastructure investment by providing facilities. In terms of hygiene, it promotes sanitation at all levels, protects and restores water-related ecosystems, promotes efficient uses of water, and supports water treatment technology in Phetchabun Rajabhat University.





From: PCRU Drinking Wate

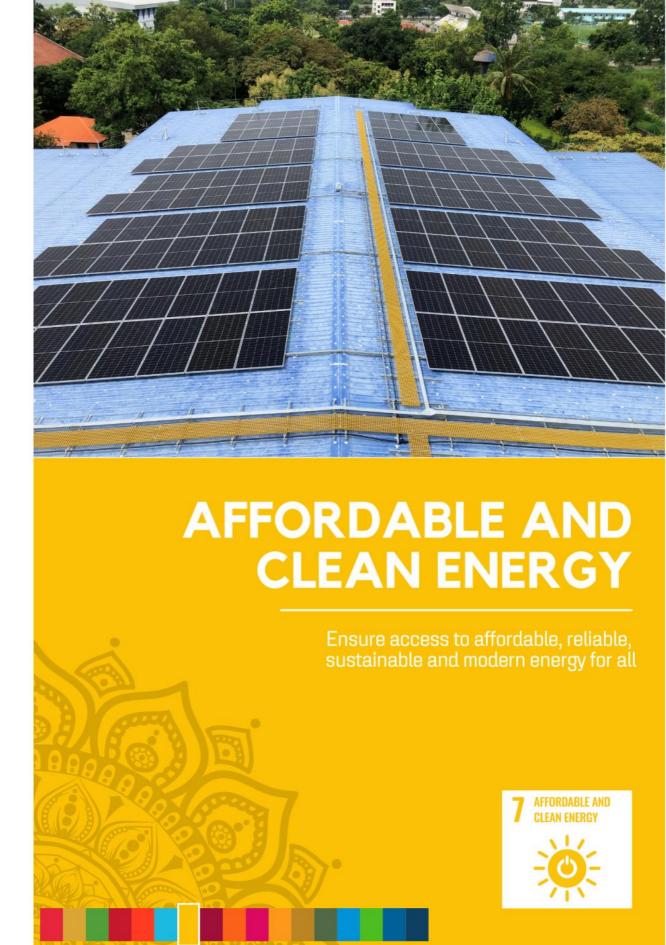




Life "Weir Creates with Social Engineers" Sustainable Development Goal No. 6. sustainable water for all. Phetchabun management Rajabhat University organizes a project to develop soft skills with the process of engineers for local Development in Ban Saliang Haeng, Nong Mae Na , Khao Kho ,



Phetchabun Province, has activities to plant trees and plant vetiver grass for local development under the 20-year national strategy project that defines Thailand's vision as "a developed country with security, prosperity and sustainability through development according to the Sufficiency Economy Philosophy" there are four characteristics of Thai people according to His Majesty the King Maha Vajiralongkorn Phra Vajiraklaochaoyuhua, namely 1) having a good and correct attitude 2) having a strong foundation of life 3) having a job - having a career, and 4) being a good citizen with discipline in order to utilize the knowledge or innovation in the university to promote the community to be self-reliant and manage themselves sustainably.





Solar cells from the solar energy,

Phetchabun Rajabhat University has installed solar cells to use renewable energy from solar energy that is clean energy to produce electricity for use within the university to reduce costs, expand infrastructure and enhance the use of technology in production. Clean energy is efficient, promotes the use of renewable energy, meets the government's energy policy, and the implementation supports Sustainable Development Goal No. 7, ensuring access to affordable, reliable and modern energy for all.

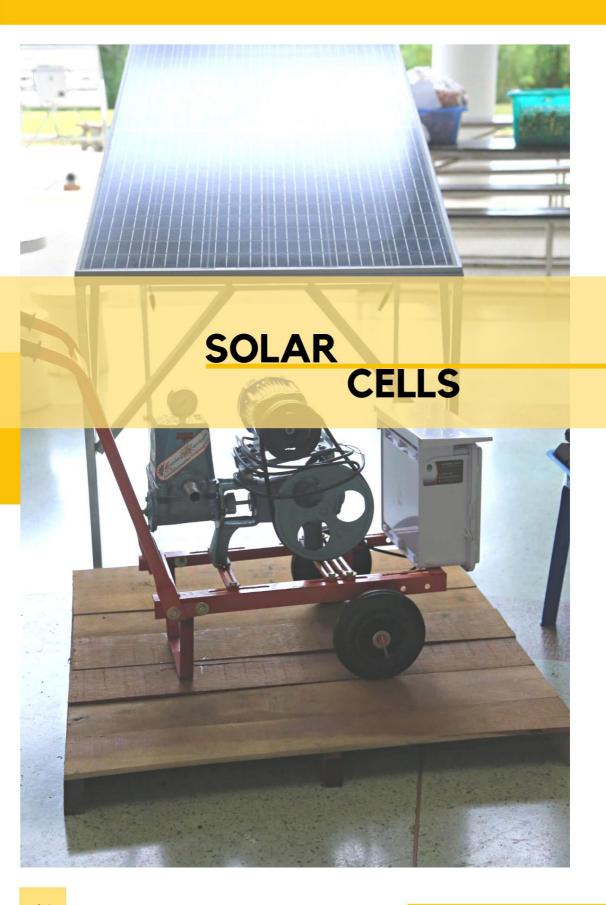




Solar energy replacing Electric energy,

Phetchabun Rajabhat University has organized a project to promote and support the use of solar energy in agriculture and promote research on biomass energy and renewable energy. The goal is to promote, support and deliver renewable energy technology in pumping water for agriculture using solar cells to farmers, which is a spatial development with renewable energy technology in pumping water for agriculture, and create a body of knowledge in technology and innovation that is participatory with the social community in accordance with Sustainable Development Goal 7, clean energy that is accessible to all.







DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all













Skill Standard testing center, Phetchabun Rajabhat University has licensed as a skill standard test operator of the Department of Skill Development No. PorChor.002/2565 and the mark of the skill standard testing center as of September 1, 2022 by supporting Sustainable Development Goal No. 8,promoting sustained, inclusive and sustainable economic growth, full employment and decent work for all ,and there is productivity and work that deserves everyone. Phetchabun Rajabhat University aims to develop potential labor potential to create a sustainable economy and society, establish a skill standard testing center capable of training and developing labor potential ,as well as test efficiency to build a career for workers both in and out of space for all.



Phetchabun Rajabhat University organized activities for the development of the operation of the Ministry of Higher Education. Research Science. Innovation through giving lectures to educate people on the wisdom of utilizing medicinal plants to produce cosmetics in the form of sprays, gels and skin creams for people in Kho Kho, Phetchabun. For the people in community to have a career, be able apply folk wisdom to use production of cosmetics

by supporting Sustainable Development Goal No.8, promoting sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. Phetchabun Rajabhat University therefore attaches importance to promoting and developing community products for distribution to create a career and sustainable income for people in the community.























Phetchabun Rajabhat University, in collaboration with the Institute of Science and Technology Research of Thailand and the Ministry of Higher Education, Science, Research and Innovation, upgrades the foundation economy with science, technology, and innovation; to strengthen local communities, increase competitiveness and self-reliance for the development of the foundation economy in Phetchabun by using science, and integrated technology and innovation to develop science and technology knowledge and innovation. This is an important basis for the development of agricultural and biological resources, bio-based products, food, cosmetics, and Thai cosmeceuticals, as well as resource management in the form of bio-economy development, circular economy, and green economy in response to the government's policy to provide resources of the province. Phetchabun has utilized costeffectively, reduced waste, recycled, created and maintained the identity or individuality of natural products of Phetchabun. Moreover, It developed manpower in science and technology, developed analytical laboratory, test system, laboratory standards, and infrastructured by using research results for provincial development as well as sustainable development of entrepreneurs Phetchabun, supporting Sustainable in Development Goal No.8, promoting sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.



INDUSTRY, INNOVATION AND INFRASTRUCTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



















Phetchabun Provincial Agriculture Office together with Phetchabun Rajabhat University implement a learning center project to increase agricultural productivity, Training activities for the chairman of the learning center network, and Enhancement of Agricultural Product Production Efficiency at the Provincial Level Year 2022. The project will showcase cutting-edge technology and technology innovations. The trainees applied the knowledge gained maximize the benefits of increasing agricultural productivity. For example, the combined electric parabolic dome solar dryer can shorten the drying time, and prevent insects, and dust.



The operation of solar dryers can be used in two systems: 1) electric power system and 2) solar power system and solar cells for watering plants. It can convert solar energy directly into electricity, classified be as an alternative energy source, can be applied to farming pumps, reduce costs in line with Sustainable Development Goal 9, build resilient infrastructure, promote inclusive and sustainable industrialization. and foster innovation.

Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation.





REDUCED INEGUALITIES

Reduce inequality within and among countries











Reducing Inequalities Education for the disadvantaged and disabled Education is an important cog in developing a country. Access to education will enhance economic growth, close social gaps, create fairness and reduce inequality in all dimensions.

Phetchabun Rajabhat University organized activities to reduce educational inequality for the disadvantaged and the disabled at Phetchabun Special Education Center to solve the problem of eliminating educational for inequalities disadvantaged and disabled according to the Sustainable Development Goal No. 10, reducing inequality by conducting teaching skills training activities for teachers ensures that all learners have the knowledge and skills for sustainable necessary development and learning management innovation activities for special needs people with various disabilities and can create teaching materials with paper materials for the development of abilities for people with special needs.

Phetchabun Rajabhat University organized a project to increase opportunities for equality of living and improve quality of life for target groups who need special assistance, especially those with opportunities or the handicapped, to increase the opportunity for everyone to have a career and able to be self-reliant, for example, supporting people with disabilities to have the opportunity to have the same potential as the general public without discrimination is to reduce the disparity for opportunities or people with disabilities following the Sustainable Development Goals 10, reducing inequality. Phetchabun Rajabhat University has organized a project to develop a career with disabilities with artificial flowers at Phetchabun School for the Deaf, Phetchabun. Participants are students with disabilities to learn how to make flowers. This is to reduce the disparity for those with opportunities or people with disabilities so that they can access opportunities and use the knowledge gained to build a career and generate income.













The culture and wisdom of ethnic groups are also valued in a limited way. These multidimensional inequalities are all obstacles that reduce the economic strength of highland communities, driving highland development. Phetchabun Rajabhat University has organized product development activities from culture and tribal wisdom, Khaem Son, Khao Kho, Phetchabun to support wisdoms and the ancient art of batik and create products with the hope that the Hmong people can enhance their knowledge-based self-development and break free from the low-income groups, thus in line with the Sustainable Development Goal 10, reducing inequality, creating social opportunity and equality, development is inclusive.







SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient and sustainable



"Khao Kho" is a district in Phetchabun, the land of mountains. Which is a popular vacation destination for tourists with Khao Kho has fresh air. beautiful nature, especially at the end of the rainy season and early winter. (during October until November) Visitors will see the sea of mist floating in the midst of Therefore. the valley. Phetchabun Rajabhat University has prepared a project plan to develop tourist attractions to create safe tourism areas and develop eco-friendly tourist attractions promoting tourism and rehabilitating tourist attractions in Khao Kho District in the form of Conserving the environment creating sustainability .and development with cooperation from entrepreneurs. Tourism in Khao Kho District Phetchabun has developed Khao Kho to be a safe area suitable for living tourism and develops environmentally friendly tourist attractions. It will enhance the development of Khao Kho increase the capacity to cover tourism plans that Sustainable according to Sustainable Development Goal make cities and human settlements inclusive, safe, resilient and sustainable.

















Study project on tourism routes and potential of health tourism in Nam Ron , Mueang , Phetchabun. Phetchabun Rajabhat University has surveyed tourist attractions in Nam Ron , Mueang , Phetchabun. It found that in the area. there are resources that are important and outstanding, such as hot springs with temperature 35–45 degrees Celsius, suitable for a hot spring spa, a group of farmers certified organic farming standards and organic farming, mixed farming, suitable for making eco-tourism, combined with Mental rest and relaxation. There is a tourist attractions in Tad Mok National Park ,and Tara Erawan Waterfalls and caves are suitable as a path for studying nature. In terms of health care wisdom, found elderly in the area had wisdom in making herbal compress balls and Thai developed by the Phetchabun Institute Skills Development . There is a service area for Thai massage and hot spring spa in the school for the elderly in Nam Nam Ron Subdistrict, Mueang District, Phetchabun Province. Travel, spa activities for health and beauty, Thai massage and food service is safe from organic ingredients, supporting Sustainable Development No.Goal 11, make cities and human settlements inclusive. safe, resilient and sustainable.





RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns

















Phetchabun Rajabhat University conducts shortterm training courses on organic farming activities for trade during March 15-24, 2022.A total of 30 people attended the training at the Sufficiency Economy Center, Phetchabun Rajabhat University, free of charge, under a project that brought higher education, science, research and innovation capacities together with provincial potential by supporting Sustainable Development Goal 12, responsible consumption and production with the objective of developing manpower capacity in organic farming and creating learning areas on organic agriculture. At the event there was a special

lecture on the topic. "Edible University" accordance with the model university guidelines for sustainable land development. (SDGs). Such activities have received cooperation from both public and private networks in developing training courses and providing knowledgeable speakers, including Phetchabun Agricultural Extension Office, Phetchabun Agricultural Research and Development Center, Phetchabun Provincial Agricultural Extension Office, Phetchabun Land Development Station, Phetchabun Sustainable Agriculture Confederation and Alip Studio Company Limited.



Adding value to Lom Kao weaving with natural colors and creating products by using natural dyes to dye silk fibers for weaving Phetchabun Rajabhat University, together with Ban Prao Weaving Group, Ban Noen , Lom Kao , Phetchabun has organized activities to increase the value of Lom Kao fabric with natural colors and creating products by using colors derived from nature to dye silk fibers for weaving and making various products. Phetchabun Rajabhat University brought lecturers who have expertise to educate people in the sub-district community. Ban Noen, Lom Kao ,Phetchabun on the theory of silk dyes .The fibers are suitable for natural dyeing ,natural silk dye, preparation of fibers and dyes and adding value to natural dyed silk, etc., to enable weaving groups to apply their knowledge to develop products, create unique local products, generate income for the community by supporting Sustainable Development Goal 12, Responsible Consumption And Production.











Phetchabun Rajabhat University is committed to providing everyone with career opportunities with the economic model BCG, together with the villagers of Wang Chomphu, Mueang, Phetchabun organized activities to create community entrepreneurs. The production of tie-dyed fabrics from natural dyes by using dyes derived from nature to dye the fabrics as raw materials in the creation of shirts, pants, bags and many other products. The community can apply the knowledge gained, develop local products for fiber and dye preparation. The fibers are suitable for natural dyeing, dye theory natural fabric dyes, tie-dye pattern and adding value to natural dyed fabrics, etc. Developing knowledge on natural dyes and fibers creates added value, creating unique local products for community income by supporting Sustainable Development Goal 12, responsible consumption and production.















CLIMATE ACTION

Take urgent action to combat climate change and its impacts



Combating climate change from the global climate change situation, catastrophic event, extinction of living beings by the major factors causing climate change is one of the main causes of natural disasters. frequency and tendency to intensify the nature of violence is causing great losses to the lives and property of the people as well as having broad economic and social impacts, especially at the community and local levels that still have limited capacity cope with natural disasters. to Phetchabun Rajabhat University is committed to solving disaster problems floods, droughts, storms and fires.



Phetchabun Rajabhat University has implemented a project to develop soft skills with the process of engineers for development with Social local Engineers" Ban Saliang Haeng, Nong Mae Na , Khao Kho , Phetchabun built water sources and reservoirs for everyone in the area to use. The working of Phetchabun Rajabhat University covering Sustainable Development Goal 13, taking urgent action to combat climate change and its impacts.





LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development





Since Phetchabun does not have an area adjacent to the sea, Phetchabun Rajabhat University has created and utilized freshwater resources by developing new aquatic species, and studying and developing various types of aquaculture such as cultivating and propagating golden apple snails, breeding and propagating fish and frogs

from aquaculture farms in the Fisheries Department, Faculty of Agricultural Technology and Industrial Technology, Phetchabun Rajabhat University to be a learning center for studying the development of aquaculture and propagation of aquatic animals as well as the transfer of bodies Knowledge of aquaculture and propagation for students and interested parties.









LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss







The project for the development of universities according to sustainable development guidelines according to the Rajabhat University Strategic Plan for Local Development of the Fiscal Year B.E. 2022 under the activity name "Term Kho Phor Rak" was organized according to sustainable development guidelines with the objectives of organizing the following activities:

- 1) To disseminate the results of sustainable development according to environmental goals in the area under the supervision of Phetchabun Rajabhat University.
- 2) To restore and conserve natural attractions.
- 3) To promote and conserve the arts and local culture of the tribes in Khao Kho.





Activities in the event include exhibition booths presenting the arts and culture of the Yao, Lisu, and Hmong tribes. and the planting of 600 coconut trees to conserve and build community identities supports Sustainable Development Goal 15: protect, restore and promote sustainable terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss, combat denaturation. deserts halt land degradation and rehabilitate and halt biodiversity loss. Phetchabun Rajabhat University has received pood cooperation from Phetchabun Tourism Industry Council, Khao Kho Tourism Business Association, Khao Kho People, and TS Group of Switzerland to organize activities for planting Ton Khor exhibitions and charity concerts. Rain" "Camping in the which Phetchabun Rajabhat University would like to thank for this opportunity.











Sustainable utilization terrestrial Phetchabun ecosystems. Rajabhat University has the goal of increasing forest area by joining forces community for with the forest conservation and the use of forests value. Phetchabun Raiabhat University has implemented a project to develop soft skills with the process of engineers for local development. "Weir creates life With Social Engineers" Ban Saliang Haeng, Nong Mae Na, Khao Kho, Phetchabun. There are also tree planting and vetiver grass planting activities in line with the Rajabhat University Act. 38 of which universities for local development,





and the vision of the 20-year national strategy that defines "Thailand becomes developed country with security, and sustainability prosperity, accordance with the Sufficient Economy Phetchabun Philosophy" Raiabhat therefore, focuses University, developing and enhancing graduates to have 4 characteristics of Thai people according to His Majesty the King Maha Vajiralongkorn Bodindradebayavarangkun, namely 1) having a good attitude; correct, 2) having a solid foundation of life, 3) have a job and have a career, and 4) be a good citizen with discipline, supporting Sustainable Development Goal 15: protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.



PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels











Household Debt Reconciliation and Justice Fair met people of Phetchabun, Phetchabun Provincial Justice Office together with Phetchabun Rajabhat University and government and private sectors have carried out activities under the concept. "There is a debt to be resolved, move forward in a sustainable way" to solve the debt problem of people in Phetchabun and nearby areas by using the dispute mediation process according to the Mediation Dispute Act B.E. 2562(2019). For the Household Debt Reconciliation and Justice Fair Project in Phetchabun Province,

the objectives are to help solve the problems of debt and the people's troubles, namely

- 1. Solving the debt problem of the Student Loan Fund,
- 2. Car and motorcycle hire purchase debt,
- 3. Credit card debt and personal loans, etc.

Participants will have the opportunity to agree with their financial institution creditors to negotiate a lower interest rate, debt restructuring allowance, extending repayment periods, as well as reducing problems in litigation and foreclosure of assets sold at auction. This activity supports Sustainable Development Goal No. 16, promoting peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.



PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the global partnership for sustainable development











University Development Project according to the Sustainable Development Guidelines according to the Phetchabun Rajabhat University Strategic Plan for Local Development Year 2022, such activities, Phetchabun Rajabhat University received cooperation from executives from both government agencies and the private sector to organize an opening event. Phetchabun Community Market for Sustainability Under named "Rajabhat Fair 2022" at Walking Street (in front of Phetchabun Intrachai Archeological Hall). At the event, there are exhibitions and distribution of products and products Phetchabun community that the university has helped to take care of and support for sustainable development. Every work of Phetchabun Rajabhat University would like to thank the network of partners, both government and private sectors, for working together to create sustainability throughout the work of Phetchabun Rajabhat University according to Sustainable Development Goal 17, strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.

The objectives of the activities are as follows

- 1) To disseminate the results of entrepreneurial development activities and create a career for people in the Phetchabun area
- 2) To promote income generation for entrepreneurs after developing a career by providing a space to sell products.
- 3) To disseminate research results related to sustainable development of Phetchabun Rajabhat University.

Activities in the event consisted of

- 1) An exhibition presenting research results from entrepreneurs in Phetchabun Province, totaling 10 research results
- 2) Selling products from entrepreneurs participating in the project, totaling 20 stores
- 3) Food and beverage kiosks (Area in front of Phetchabun Intrachai Archeology Hall) Walking Street Activities (Friday 15 July 2022) by Phetchabun Municipality
- 4) Activities for promoting community participation, such as cultural performances and musical performances, etc.

Phetchabun Rajabhat University received good cooperation from Phetchabun Municipality in facilitating the organization of activities as well as merging the Walking Street activity every Friday of Phetchabun Municipality into one activity to brighten up activities more completed which the Phetchabun Rajabhat University would like to thank for this opportunity.

















A short-term training program in organic farming for commercialization is a free course with cooperation from a network of public and private alliances to develop the course and be a lecturer in the course, including Phetchabun Provincial Agriculture and Phetchabun Research Center Agricultural Phetchabun Provincial Agricultural Extension Office, Phetchabun Land Development Station, Phetchabun Sustainable Agriculture Federation, and Alip Studios Co., Ltd. are in line with Sustainable Development Goals No.17, strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development. The project was organized to enable those interested in attending the training to develop manpower competencies in organic farming and create a learning area on organic agriculture.





Steering committee

The project for the development of universities according to Sustainable Development Goals (SDGS)

- 1. Assistant Professor Namfon Baothongkam
- 2. Assistant Professor Dr. Nootjaree Singpan
- 3. Assistant Professor Dr.Saowapa Chumanee
- 4. Assistant Professor Supaporn Wisungre
- 5. Assistant Professor Vipavadee Pakamat
- 6. Dr.Kunyarat Deanhgay
- 7. Dr. Nuntawan Phuaphan
- 8. Mr.Parama Khaewphuang
- 9. Miss Katiya Bunsuan
- 10. Mr. Thanapat Maneesang
- 11. Mrs. Chanirat Phungbunhan
- 12. Miss. Jaisakran Jarueksaman



