



RPU
RAJAPRUK UNIVERSITY



SDGs
RAJAPRUK UNIVERSITY



Sustainability Report Academic Year 2024

20th
Anniversary
Rajapruk University



SUSTAINABLE DEVELOPMENT GOALS



SMART BUSINESS AND DIGITAL UNIVERSITY





20th

Anniversary
Rajapruk University





TABLE OF CONTENTS



PAGE 6



PAGE 8



PAGE 10



PAGE 12



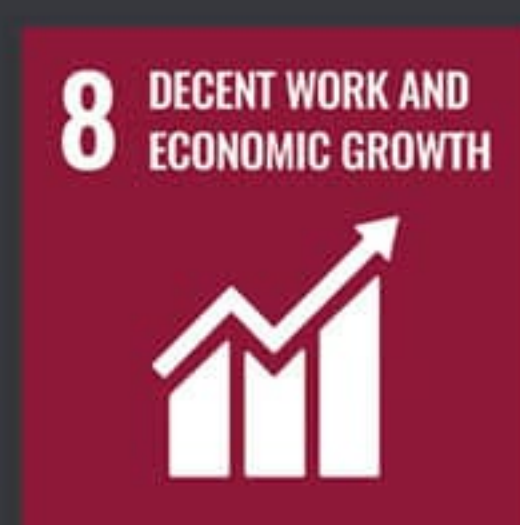
PAGE 14



PAGE 16



PAGE 18



PAGE 20



PAGE 22



PAGE 24



PAGE 28



PAGE 32



PAGE 34



PAGE 36



PAGE 38



PAGE 40



PAGE 42



When an individual or family has insufficient income or lacks resources in various aspects, their fundamental daily well-being is compromised. This results in them being deprived of good opportunities in areas such as health, education, and life security. Therefore, the issue of poverty affecting everyone is a crucial matter in which Rajapruk University, as an educational institution, must play a part in alleviating the burden on society.

Providing equal and universal access to education for all should not be hindered by economic background, gender, race, disability, or residence in impoverished areas. For this reason, the university has allocated a budget from the Dr. Kamol Choosup Foundation for Education to provide scholarships at the undergraduate and graduate levels to 40% of the students enrolled each academic year. This grants them educational opportunities to graduate and secure employment to support themselves.

In addition to scholarships, the university also assists its own students and impoverished schoolchildren in the community by providing lunch funds so they have meals while attending school each day. Furthermore, if a student faces family crises such as fire, flood, or other disasters, the university has established a committee to provide care and assistance, ensuring the student receives help to overcome the difficulties in their life.



Rajapruk University provides lunch funds

Beyond educational opportunities, the university helps students earn income while studying during after-school hours or on weekends through its "Earn Income While Studying" program. The university hires students to work and provides compensation according to the employment standards of various organizations. By working part-time, students earn income and increase their chances of higher education.

A key mission for higher education institutions is to continually assist local communities by promoting knowledge and self-sustaining careers. The university carries this out through its Educational Development and Local Development Projects. It establishes vocational training centers to equip youth and community members with knowledge, allowing them to create products for supplementary income. This improves the well-being of the community, increasing family income and economic stability through the sale of products made from fabric and artificial flowers. This work tackles the problems of poverty and social inequality within the community, leading to a better quality of life.



Promoting careers that generate income in the community



Its main goal is to end hunger, achieve food security, improve nutrition, and promote sustainable agriculture. The university has organized various activities to address SDG 2 across several approaches, including teaching and learning, academic services, and internal organizational management, for example:

1. Teaching and Learning

- Promoting the Dr. Kamol Chusap Lunch Scholarship Project for schools.
- Integrating SDG 2 into the curriculum of the Office of General Education.



2. Academic Services to the Community

- Establishing the Nonthaburi Durian Conservation Learning Center for the community to learn from.
- Integrating SDG 2 into the curriculum of the Office of General Education.



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Establishment of the Faculty of Nursing, Rajapruk University

Rajapruk University, recognizing the importance of sustainable development in health and well-being, initiated the project to establish the Faculty of Nursing, Rajapruk University. In 2023, the curriculum received accreditation from the Thailand Nursing and Midwifery Council on January 20, 2024. This initiative aims to produce qualified nursing personnel to meet the country's healthcare system demands. The first cohort of 80 nursing students has been admitted, along with the recruitment of 10 faculty members. The university has also prepared learning support facilities, such as laboratories, realistic simulators, and the use of Virtual Reality technology in teaching and learning. This is considered a long-term investment in building human resources for the health sector.



<https://nurse.rpu.ac.th>



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Health Network Establishment

Dr. Anawut Choosup, the President of Rajapruk University, signed a Memorandum of Understanding (MOU) with the Nonthaburi Provincial Public Health Office in July 2023. Faculty members of the Faculty of Nursing, Rajapruk University, have also fostered collaboration with urban communities in Nonthaburi province. In March 2024, they met with Members of Parliament from Nonthaburi Province, and in August 2024, they met with the Mayor of Bang Sri Muang Municipality. These engagements aim to coordinate cooperation and establish networks for research and academic services for the community, as well as to serve as practical training sites for nursing students. The focus is on providing health services to target groups across all ages, including children, pregnant women, working-age adults, and the elderly.



The President signed an MOU with the Nonthaburi Provincial Public Health Office.



Building cooperation with urban communities in Nonthaburi.



Health Promotion Activities for Children and Families

The Faculty of Nursing recognizes the importance of children, particularly the opportunities for their development to learn new things, ensuring their survival, safety, and growth into well-adjusted adults in the future. Therefore, it organized the project "Being Knowledgeable on Thai Children's Day." This activity was held on National Children's Day in 2025, in collaboration with Wat Bang Khanun School, Bang Khanun sub-district, Bang Kruai district, Nonthaburi province. The aim was to educate children and parents about accident prevention in children, including pre-incident prevention, and intervention and assistance both during and after an incident. Additionally, the activity included assessing the nutritional status, growth, and development of early childhood children. A total of 200 children and parents participated in this event, including families of migrant workers.



Activities on National Children's Day 2025 in collaboration with Wat Bang Khanun School

Bringing Nursing Faculty's Knowledge and Expertise to Public Health Services

Rajapruk University promotes and supports all nursing faculty members in conducting health service activities in communities and hospitals (Faculty Practice). All faculty members have engaged in work within hospitals and communities, including providing Home Health Care services. These services aim to care for homebound and bedridden elderly individuals, as well as patients with chronic diseases. Additionally, the program enhances the capabilities of caregivers to effectively look after homebound and bedridden patients. This initiative focuses on health promotion, disease prevention, treatment, and rehabilitation, ultimately aiming to improve patients' quality of life and empower caregivers.



Providing Home Health Services to Homebound and Bedridden Elderly, and Developing Caregiver Potential



Rajapruk University is committed to expanding equitable access to quality education and promoting lifelong learning opportunities for all. The University has developed a flexible learning system through short-term programs designed for the general public to enhance professional skills in the digital era. These programs include Digital Content with Generative AI, Essential Legal Knowledge for Accounting, Digital Marketing on Mobile Devices and Social Media, Leadership Development, Introduction to Online Business, Creative Tourism Review, Logistics and Supply Chain Management 101, and Digital Literacy. All courses allow participants to accumulate academic credits in a university credit bank, which are transferable toward a bachelor's degree. This system reflects the University's mission to foster continuous and inclusive education across all age groups.

In the area of community engagement, the University has implemented the Business and Digital Consulting Project to support local enterprises. The project provides technological and marketing guidance to community learning centers such as the Tanod Temple Bio-Lifestyle Center, by assisting them with media production, logo design, and product labeling to enhance their market reach. Similarly, the University collaborated with the Bangkruai Municipality to offer digital business consultations to local entrepreneurs producing herbal products and traditional confectionery, helping them improve branding and expand distribution channels.



Through the Collaborative Project with the Community Welfare Fund Network of Nonthaburi Province, Rajapruk University has strengthened local organizations by providing workshops on the use of the SWF management program and AI applications for community fund administration. University faculty and students also conducted on-site consultations for the Banglen Urban Community Fund, promoting the adoption of digital tools to increase operational transparency and efficiency.



In parallel, the University has played a mentorship role under the Local Education and Development Project, serving as an academic partner to six schools in Nonthaburi Province. Key initiatives include developing interactive teaching media, promoting Active Learning for life and career skills, designing e-Learning lessons via Google Classroom, and creating educational digital games for primary students. The digital-game project received the Outstanding Innovation Award from the Upper Central Region Higher Education Network and was selected to represent the region at the national level.



To nurture creativity among young learners, the KIDS CREATOR Program Phase 2 trained primary students in AI-based storytelling and digital media creation, allowing participants to apply artificial intelligence creatively and present their projects with confidence. Furthermore, the University organized an online workshop on Generative AI for the Workplace to equip professionals from diverse fields with practical digital skills to enhance work efficiency.



Beyond education and community development, the University also delivered a professional ethics program titled “Morality, Discipline, and Transparency in Public Service” for the Bangkhun Kong Subdistrict Administrative Organization, with 120 participants. The program aimed to cultivate integrity, accountability, and ethical governance in local administration.



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Rajapruk University's Commitment to Gender Equality

Rajapruk University is firmly committed to upholding gender equality and inclusivity as fundamental principles of its institutional mission. The University enforces comprehensive non-discrimination policies that explicitly prohibit unequal treatment based on gender, gender identity, or sexual orientation in all areas of the University, including admissions, scholarships, recruitment, promotion, academic participation, and campus activities, thereby ensuring transparency, fairness, and equality of opportunity within the university community.



Women in Leadership and Student Participation

The University actively promotes women's leadership through robust representation in governance and management. Women constitute a majority of positions in senior administration and on committees, clearly reflecting the institution's dedication to gender balance and empowerment in decision-making processes. Likewise, the Student Council demonstrates a similar trend, where female students hold more leadership roles than male students, ensuring that women's perspectives are strongly represented in student governance and welfare policy discussions. Advancement frameworks are grounded in professional competence, ethical integrity, and performance excellence, guaranteeing that gender is never a barrier to career or leadership progression.



Safe and Inclusive Campus Environment

Rajapruk University enforces a zero-tolerance policy for gender-based violence and harassment. A designated committee handles all cases confidentially and ensures appropriate disciplinary action against violators. Preventative education initiatives promote respect, empathy, and gender sensitivity, while the whistleblower protection mechanism safeguards individuals who report misconduct. Collectively, these measures foster a campus culture characterized by accountability, safety, and mutual respect.

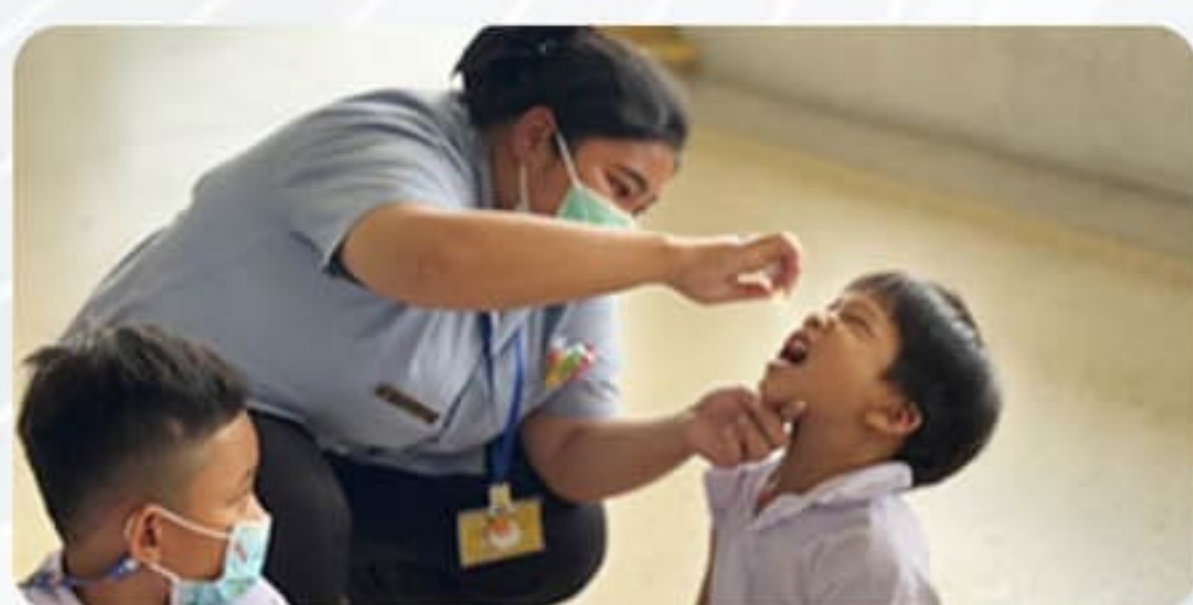


Family-Friendly and Community-Engaged Practices

To strengthen work-life balance and equitable participation, the University provides family-friendly and gender-responsive support, notably including maternity and paternity leave. Moreover, the University offers childcare facilities for both staff and students with young children. Further support is provided through educational scholarships for employees' children attending an affiliated school under the same educational consortium as Rajapruk University.



Beyond campus, the Faculty of Public Health advances gender equality through community outreach programs focusing on maternal and child health, prenatal care, nutrition, mental well-being, and first aid for infants and young children. These programs extend the University's social responsibility and solidify its contribution to sustainable community development.



Through these integrated initiatives, Rajapruk University has successfully cultivated an institutional culture rooted in equality, inclusiveness, and respect. Its sustained efforts exemplify the University's unwavering commitment to Sustainable Development Goal 5: achieving gender equality and empowering all women and girls within and beyond the academic environment.



Water Resource Conservation in collaboration with the Bang Khanun Community

Rajahpruk University places great importance on the sustainable conservation and management of water resources. To this end, the university has implemented the “Rajahpruk Volunteer for Community Development” project under the activity Green and Clean Day: Beautiful Canal, Clear Water. This initiative aims to raise awareness and foster collaboration between the university and the community in caring for and restoring local water sources.

The activity involved transferring knowledge on water source sanitation, appropriate water use, wastewater treatment, and water quality restoration to 25 representatives from all five villages of the Bang Khanun Community. This effort seeks to enhance the community's capacity to continuously manage its water resources independently.

Furthermore, the university also organized training sessions and shared knowledge on the production of EM Balls (Effective Microorganisms Balls) with representatives from each village for use in treating wastewater in the community's canals.

Representatives from each village jointly produced 100 EM Balls per village and worked together to launch a total of approximately 200 EM Balls into the canals of Village No. 1 and Village No. 3 of Bang Khanun sub-district. This action helped reduce foul odors and improve the water quality in the canals. This initiative demonstrates the university's involvement in water resource conservation, water pollution management, and community empowerment in maintaining their own water sources.



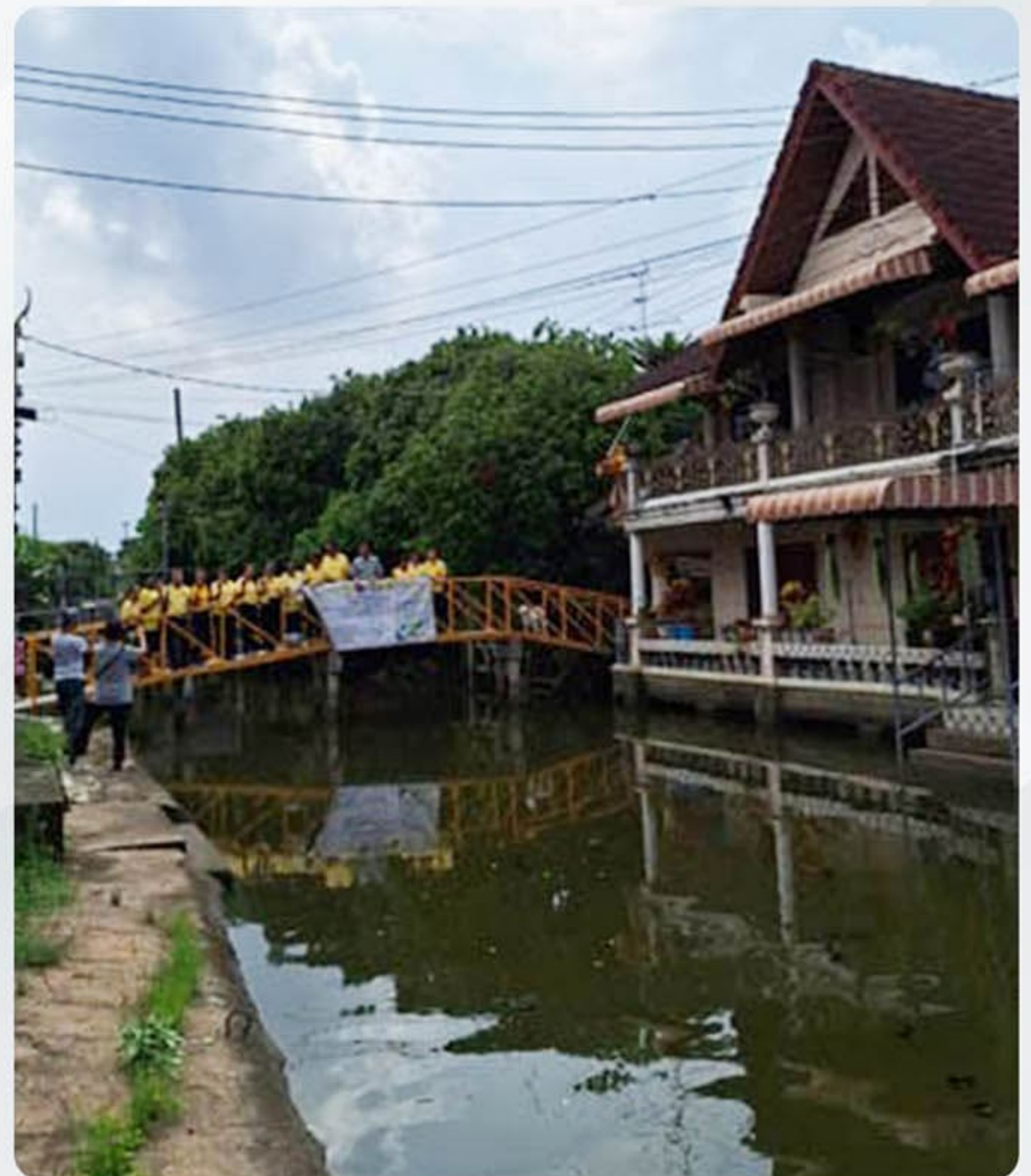
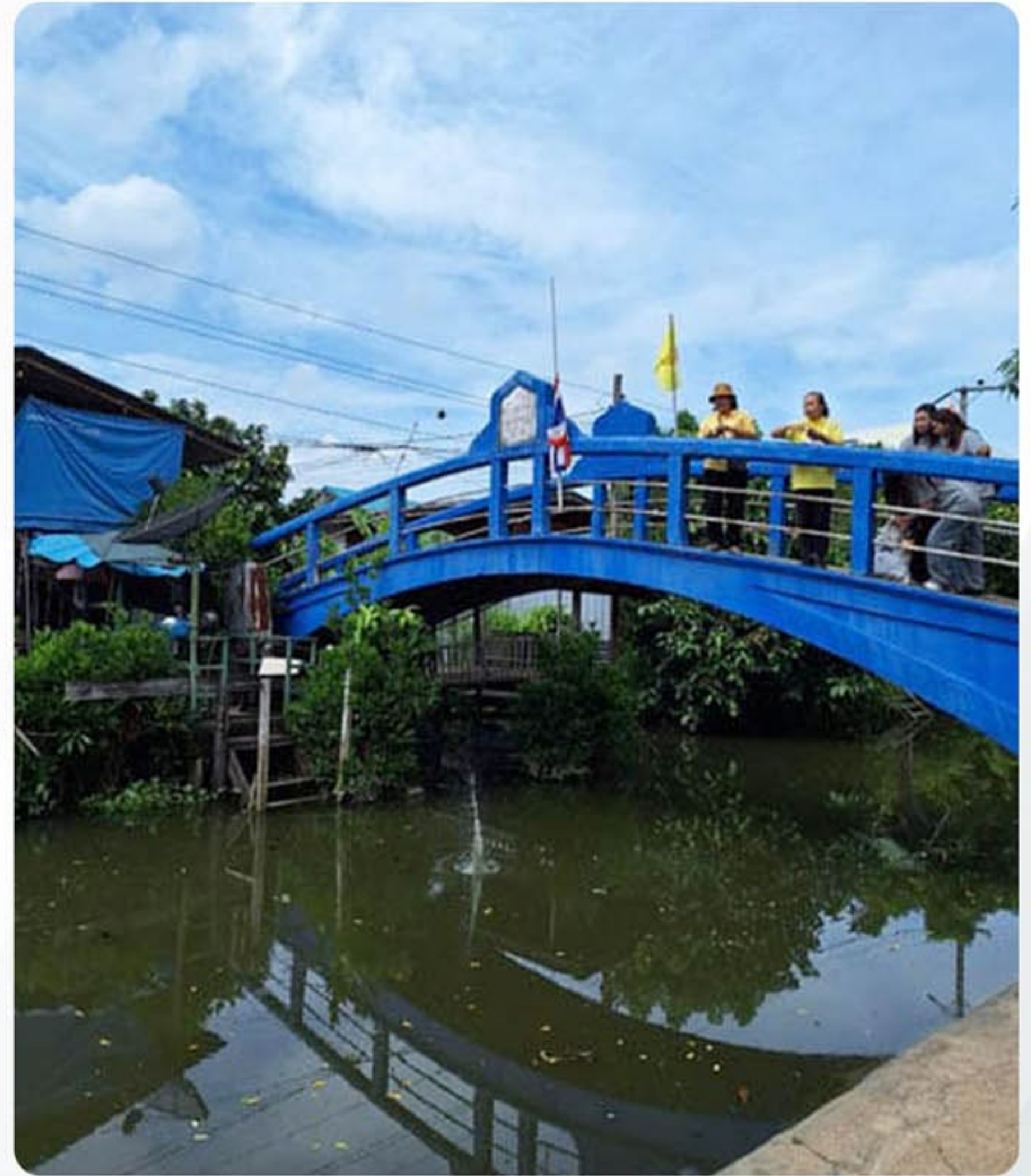
Figure 1:
Knowledge Transfer on Water Resource Conservation



Figure 2:
Community Participation in EM Ball Production



Figure 3:
EM Balls Produced by the Bang Khanun Community



Figures 4-7:
Representatives from Rajapruk University and the Bang Khanun Community Jointly Launching EM Balls into the Water Source



Rajapruk University implements a comprehensive energy management framework that encompasses electricity use, thermal energy efficiency, and renewable energy production. These initiatives are aligned with the University's strategic direction under Strategy 7 and Strategic Initiative 19, aiming to strengthen its transition toward a low-carbon and environmentally responsible institution.

Current Energy Use and Conservation Measures

Electricity serves as the primary energy source for teaching, research, administration, and student services. To improve efficiency, the University has implemented key conservation measures. These include replacing all lighting with LED lighting throughout the campus, standardized all air-conditioning units at 25°C, and promoted responsible usage through awareness campaigns such as "Turn Off the Lights" and campus-wide energy-saving initiatives. Complementary measures to reduce indirect energy consumption include biogas utilization from organic waste, systematic waste segregation, and digital-first practices to minimize paper usage.



Thermal Energy Management

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Renewable Energy Deployment : A 20% Decrease in Coal-Based Electricity Use

In advancing renewable energy adoption, Rajapruk University has installed a Solar Rooftop system on the Chalermphrakiat Building. With a capacity of 159.60 kW, the system can supply up to 82% of the building’s electricity demand. This reduces reliance on the national power grid and significantly lowers greenhouse gas emissions, aligning with long-term sustainability goals.



Education, Outreach, and Community Engagement

The University also emphasizes energy education and public engagement. It regularly organizes clean-energy training sessions, workshops, and exhibitions for students, staff, and nearby communities to promote safe, efficient, and responsible energy use. These activities help cultivate an institutional culture of sustainability and environmental stewardship.

Despite challenges such as budget limitations and constraints in existing infrastructure, Rajapruk University continues to benefit from decreasing renewable-energy costs and increasing government support. These factors strengthen the University’s commitment to expanding clean-energy initiatives and reinforcing its role as a model institution in sustainable energy management.



Respect for Human Rights and Equal Employment

Rajapruk University prioritizes the promotion of “Decent Work and Sustainable Economic Growth” (SDG 8) by adhering to the principles of respect for human rights, equality, and providing equal employment opportunities for all.

The University's human resource management system operates on the principles of good governance, transparency, and fairness, ensuring that personnel at all levels have security, safety, and pride in their profession.

Employment and Personnel Development within the University

The University has established a policy on equity, equality, and non-discrimination in Human Resource Management and maintains a policy that sets standardized wages, welfare, and compensation commensurate with qualifications and experience, and no less than the legal minimum wage. Furthermore, the University has a policy to provide equal employment opportunities for all groups and non-discrimination nationality, skin color, language, religion, sex/gender, age, disability, disadvantaged status, or other individual differences, including persons with disabilities. This is supported by measures for permanent employment which reflects job security. Annual 360-degree performance appraisals are conducted to adjust compensation based on work performance and economic conditions.

All personnel are given opportunities for career advancement. The University organizes training programs to develop staff skills based on the KSA framework (Knowledge, Skill, Attitude) and provides funding and time for further education to all categories of personnel. Staff who attain higher educational qualifications are given the opportunity to transition into academic positions, enhancing the value and progression of their careers. In addition, the University specifies compensation for administrative positions to promote advancement in the management track, while also supporting faculty members' academic progression up to the Professor level.

Well-being and Safety at Work

The University prioritizes the health, well-being, and quality of life of its personnel. This is achieved by providing access to a fitness center, organizing health education activities, and offering free annual health check-ups. These measures are in place to promote overall well-being and create a happy working environment (Happy University).



Student Readiness and Business Collaboration

The University supports students in professional experience training through Cooperative Education (Co-op) and Work-Integrated Learning (CWIE) to enhance knowledge and skills through real-world experience, ensuring alignment with the labor market needs. Additionally, the University organizes an "Employment Job Fair" to introduce job positions and application guidelines, providing students with the opportunity to meet employers and find part-time employment while studying. This increases their employment opportunities and readiness before graduation. Furthermore, the University holds "Pre-Internship Preparation" activities, inviting organizations to share information and experiences to bolster students' practical working skills. The University was awarded the National Winner of the "Rising Star CWIE Educational Institution" for the year 2025, reflecting its success in building collaboration with the business sector and preparing students for the job market.



<https://www.rpu.ac.th/?p=30528>



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Rajapruk University actively promotes education, research, and the development of innovative inventions for academic study and problem-solving. These innovative inventions are used to create prototypes and strengthen community industries. Within the context of SDG 9, the University prioritizes the following key areas of operation:

Quality Infrastructure

The University develops infrastructure that is resilient, reliable, and sustainable to support education, research, and the well-being of its personnel and students. Examples include: Technology to support learning; Technology for energy conservation.



Research and Innovation Promotion

Rajapruk University organized the "3rd Rajapruk Academic National Conference" under the theme: "Innovation for the Sustainable Development Goals (SDGs)". This demonstrates the University's commitment to applying innovation to achieve the Sustainable Development Goals, including SDG 9, which has a strong focus on innovation.



Development of Innovative Inventions for Prototyping and Solving Community Farmers' Problems

The University has developed innovations related to the cultivation of a major economic crop (Nonthaburi Durian orchards) to address the problem of controlling the drainage system and preventing damage to the durian orchards during natural disasters, such as heavy rainfall or excessive water volume in the Chao Phraya River basin. Since most cultivated areas in Nonthaburi Province are low-lying, this can cause significant damage to the cultivation of this key economic crop (Nonthaburi Durian).

The University developed a section of unused land into the Rajapruk University Nonthaburi Durian Conservation Center to serve as a model area for testing innovative inventions. Based on the problem of excessive water volume in the planting area, an automated drainage control system was developed. This system monitors the water level in the cultivated area to maintain it at an appropriate level, preventing damage to the durian trees. This allows for the efficient management of water volume in the cultivated area.



Sustainable Industrial Development

The University promotes collaboration with the public sector, private sector, and community industries to ensure efficient resource use and greater utilization of natural technology and industrial processes that are cleaner and more environmentally friendly.

Specifically, the area of Bang Khanun Sub-district Administrative Organization (SAO) has been designated as a model wastewater treatment area, primarily using natural treatment (bioremediation) methods.





Rajapruk University's Implementation of Sustainable Development Goal 10: Reduced Inequalities

Rajapruk University places great importance on promoting equality in education and creating life opportunities for everyone, especially persons with disabilities and those from underprivileged backgrounds. The university's initiatives are in line with Sustainable Development Goal 10 (SDG 10: Reduced Inequalities), which aims to reduce inequality within and among countries through inclusive policies that cover education, employment, and the protection of human rights.

In the area of education, Rajapruk University has issued the announcement titled "Criteria and Admission Procedures for Students with Disabilities for the Academic Year 2024." The policy welcomes applicants with all types of disabilities who can perform self-care and have basic computer skills. Importantly, there is no limitation on the number of students admitted, ensuring equal access to higher education for all. The Office of Academic Affairs has been assigned to assess curriculum readiness and develop admission plans across four faculties: Business Administration, Accounting, Communication Arts, and Digital Technology. This initiative allows students with disabilities to freely choose a field of study that matches their interests and abilities on an equal basis.



Students with disabilities who are admitted under this policy receive full scholarships covering tuition and living expenses from the Ministry of Higher Education, Science, Research and Innovation. During the academic years 2023–2024, nine students with disabilities received scholarships across disciplines such as Accounting, Business Digital Technology, and Communication Arts. Furthermore, in the academic year 2024, three graduates with disabilities successfully obtained employment in the public sector, private companies, and self-employment. This outcome reflects the university's effective and systematic support for inclusive education and career development. In addition to academic opportunities, Rajapruk University has improved its facilities to enhance accessibility, including the renovation of restrooms, ramps, handrails, and elevators, ensuring that students with disabilities can access classrooms, libraries, and all service areas equally and safely.





In terms of human resource management, Rajapruk University pays close attention to reducing inequality in the workplace in accordance with SDG targets 10.3 and 10.4. The university complies with the Persons with Disabilities Empowerment Act (Amendment) B.E. 2567 (2024), which stipulates an employment ratio of one person with a disability for every 100 general employees. At present, the university employs two staff members with disabilities in positions suitable for their skills and competencies. This effort not only helps create stable income and reduce economic inequality but also demonstrates the university's commitment to social responsibility as a model organization for equality and inclusion.



Rajapruk University has also implemented the Policy on the Protection of Individuals Reporting Gender Inequality Issues B.E. 2567 (2024) to ensure a safe, transparent, and fair working environment for all members of the university. The policy is based on the Constitution of the Kingdom of Thailand B.E. 2560 (2017) and the Gender Equality Act B.E. 2558 (2015). A Gender Equality Committee has been established to handle complaints related to gender discrimination fairly and confidentially, ensuring justice and trust in the workplace.

Furthermore, in alignment with SDG target 10.6, the university has developed comprehensive systems and measures to prevent inequality within the organization. These include a non-discriminatory admissions policy, accessible facilities and services for persons with disabilities, the establishment of a Gender Equality Committee, and the enforcement of anti-harassment and anti-discrimination policies. Such actions demonstrate the university's strong commitment to promoting diversity, inclusivity, and mutual respect across all areas of its operation.

In conclusion, Rajapruk University has implemented SDG 10 in a holistic and integrated manner through the expansion of equal educational opportunities, the promotion of fair employment practices, and the protection of the rights and dignity of all students and staff. These efforts not only contribute to reducing inequality within the institution but also affirm the university's role as a "Model Institution for Equality and Sustainable Development." Rajapruk University continues to uphold human dignity and to foster an inclusive learning environment where everyone is respected and given the opportunity to achieve their full potential.





Rajaprak University is an educational institution that prioritizes sustainable development, particularly in supporting Sustainable Development Goal 11: Sustainable Cities and Communities. This goal aims to create cities and communities that are safe, livable, resilient, and balanced in terms of economy, society, and environment. The university has continuously integrated its core missions of teaching, research, and academic services to benefit surrounding communities and society.

1. Becoming a Center for Learning and Sustainable Community Development

Rajaprak University serves as a central hub for knowledge exchange and the integration of local wisdom with modern knowledge. In collaboration with the Nonthaburi Provincial Cultural Office and moral communities, it organized a workshop project on "Developing and Extending Cultural Capital and Local Intellectual Heritage." This initiative aims to promote collaborative learning among academics, community leaders, and the public, fostering an awareness of the value of Thai culture. Simultaneously, it seeks to strengthen communities by using cultural capital as a foundation.



2. Conservation of Local Culture and Resources

The university organized the "Nonthaburi Durian Cultivation Methods" training project, which aims to preserve the local agricultural wisdom of Nonthaburi province. This initiative facilitates the transfer of knowledge from expert farmers to university staff, students, and the general public, thereby conserving the Nonthaburi durian species and promoting environmentally friendly agriculture.



ปลูกทุเรียนวิถีนนท์

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บรรยายโดย คุณอติสรณ์ ธีมน้อย ราชพฤกษ์เรียนนนท์ (เจ้าของสวนตากำทุเรียนนนท์)

**เข้าร่วม ฟรี!!
ไม่มีค่าใช้จ่าย**

**วันพุธที่ 23 เมษายน 2568
เวลา 9.00 เป็นต้นไป**



การเตรียมพื้นที่
ทำสวนทุเรียนนนท์



วิธีการปลูกทุเรียน
และพืชผสมผสาน



การดูแลป้องกัน
และแก้ไขปัญหาโรคของทุเรียน



ลงทะเบียน

อาจารย์ พุกนภณี ธีราบุตร
082-453-9649

3. Promoting Grassroots Economy and Local Entrepreneurs

The university, in collaboration with the Nonthaburi Brain Bank Volunteer Center and its network partners, organized a charity event to promote SME entrepreneurs and a competition for Thai amulets and Buddha statues. This initiative aimed to create economic opportunities for small entrepreneurs and stimulate sustainable growth within the community economy. The event also featured OTOP community product stalls and knowledge exchange among experts from various fields.



4. Youth and Local School Development

Rajapruk University implemented academic service projects aimed at developing digital skills and 21st-century learning for schools in its service area. Examples include projects for developing digital learning media, utilizing Artificial Intelligence (AI) for teaching and learning, and producing animation media to promote student creativity. These initiatives aim to elevate the quality of education and strengthen the educational community.





5. Curriculum Development and Collaboration with the Business Sector

The Faculty of Accountancy signed a Memorandum of Understanding (MOU) with the private sector to develop accounting curricula that align with labor market demands. SAP Business One has been integrated into teaching and learning to enhance students' digital skills and produce graduates ready to work in modern business environments, which is a crucial part of creating a learning city.



6. Fostering Well-being and University-Community Relations

The university has provided space and resources to organize community sports activities, promoting health and unity among local agencies, government officials, staff, and residents. This has led to the establishment of strong collaborative networks between organizations and the educational institution.



7. Promoting Thai and ASEAN Culture on the International Stage

The university organized a project to disseminate Thai and ASEAN culture, creating a platform for exchanging knowledge in arts, culture, education, and research. Academics from various universities participated as speakers, encouraging staff and students to understand cultural diversity and expanding academic cooperation networks at the regional level.

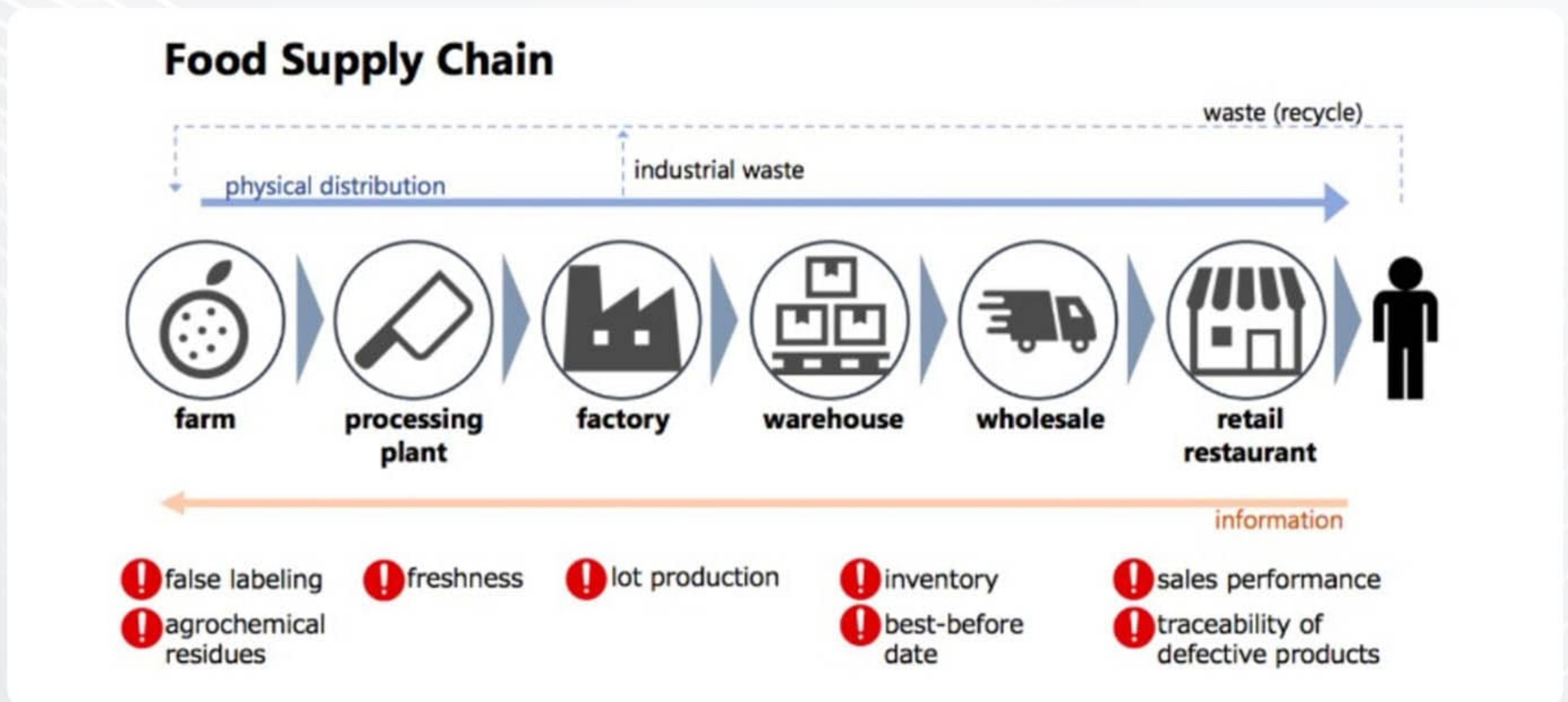
In summary, Rajapruk University has demonstrated a proactive role in concretely driving Sustainable Development Goal 11 forward. This includes cultural preservation, grassroots economic promotion, educational quality development, and strengthening resilient and sustainable communities. The university thus serves as a model of a "social institution" that applies academic knowledge to create livable cities and communities, aligning with international sustainable development concepts.



The United Nations' Sustainable Development Goal 12 (SDG 12) aims to ensure sustainable consumption and production patterns in order to address the environmental crisis, pollution, and social inequality.

Higher education plays a crucial role in integrating this principle, both in theory and in practice, fostering awareness and practical skills among learners. This aligns with the target for responsible consumption and production which emphasizes providing information and knowledge on sustainable development by 2030.

The Faculty of Public Health at Rajapruk University has integrated SDG 12 into the course Public Health Nutrition. They established the project "Happy Nutrition, Healthy Body for Sustainable Production and Consumption" by considering the food production chain, focusing on two main issues, namely:



1. Responsible Production: This aims to help learners understand production principles that consider the environment, the efficient use of resources, and safe food quality control. This is taught through both theoretical and practical learning, such as laboratory practice in checking for food contamination, to build skills in safety and social responsibility.
2. Sustainable Consumption: This focuses on making learners aware of the impact of consumption behavior on health and the environment, such as choosing nutritious and sustainably produced food, as well as conducting activities to check for contaminants in food to promote knowledge on food safety.



Another important issue is Food Waste Reduction & Waste Management, which reflects the efficient use of resources and the reduction of environmental pollution. Students will learn about food preservation, consumption planning, waste segregation, and making compost from organic waste, which is a pathway towards the Circular Economy.

Furthermore, the Faculty of Public Health at Rajapruk University also emphasizes Traceability & Transparency in the product manufacturing process. Students are tasked with studying the food supply chain, from the source of production to the consumer, while also learning how to read food labels, trace cases of contamination, and transparently communicate safety information to the public.



In summary, learning to drive SDG 12 is a vital mission for the university in developing learners with both the knowledge and skills for sustainable living. This covers responsible production, sustainable consumption, waste reduction, waste management, and traceability. This not only elevates the quality of graduates but also delivers a positive impact on society and the environment, leading to the creation of a truly sustainable production and consumption culture in line with the SDG 12 goal.



1. The Role of Education in Addressing Climate Change (SDG 13)

Climate change is leading to more frequent and severe disasters – such as floods, droughts, storms, and heatwaves – that significantly impact public health. These situations increasingly force public health systems to respond to emergencies. Education, therefore, plays a critical role in preparing society to cope with such crises. Sustainable Development Goal 13 (SDG 13) underscores the necessity of improving education to both raise awareness and build public capacity for mitigating the impacts of climate change and adapting to its effects. In line with this, UNESCO has called on all countries to integrate Education for Sustainable Development (ESD) into curricula at every level by 2025, ensuring that youth are equipped with the knowledge and skills required to confront environmental and societal crises.

2. Diverse Instructional Approaches at Rajapruk University

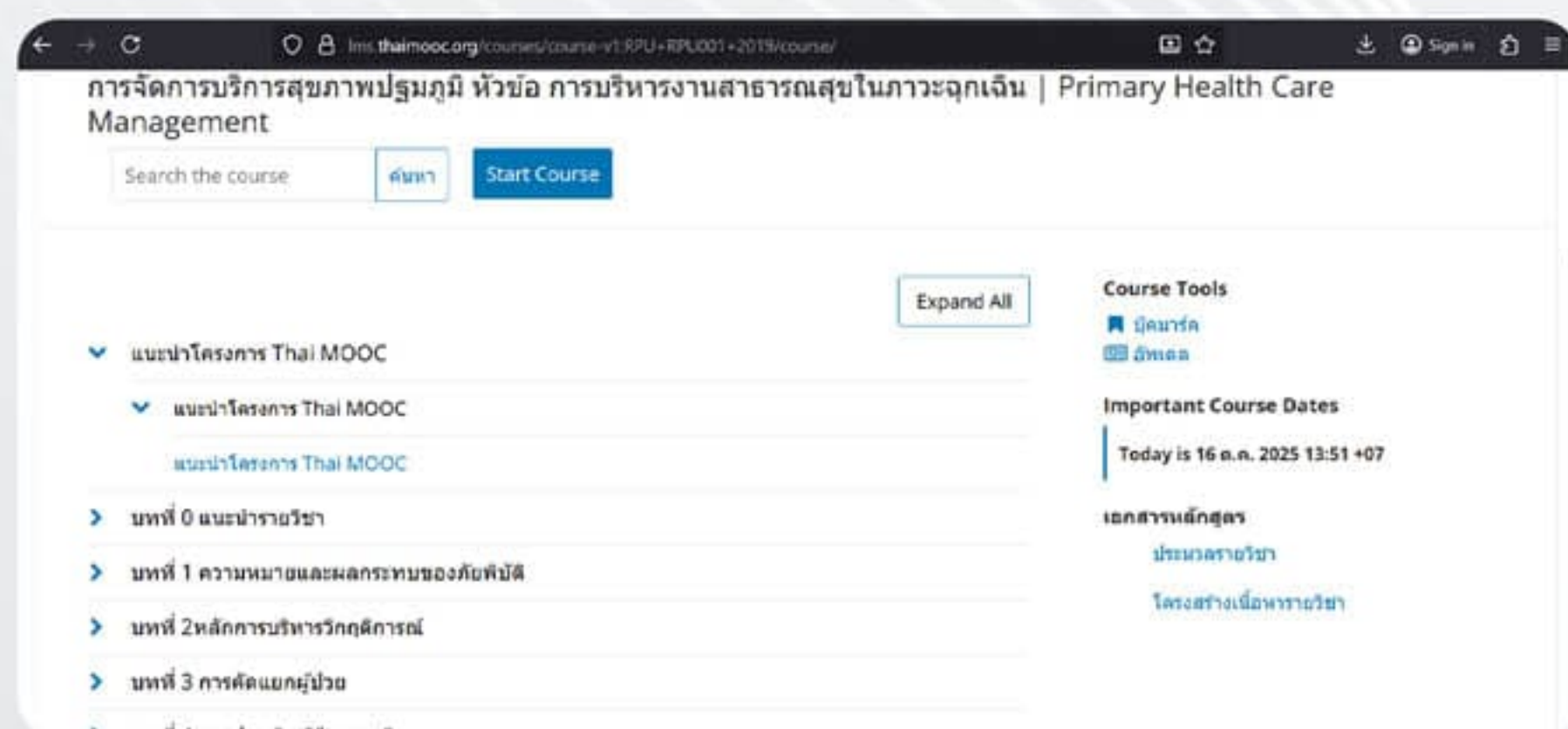
Rajapruk University employs diverse instructional methods to build students' knowledge, skills, attitudes, and effective communication in climate change and disaster management. Central to this effort are a Massive Open Online Course (MOOC) for global learning, and the complementary integration of classroom instruction with simulation-based practice.

2.1 Massive Open Online Course (MOOC)



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MOOCs are a key tool for delivering education on climate change and disaster management to a wide audience concurrently. Rajapruk University has developed an open online course titled “Public Health Administration in Emergencies,” which aims to enable learners worldwide to gain knowledge in managing emergency situations related to natural and human-made disasters. Through this MOOC, participants study both theoretical frameworks and real-world case studies.



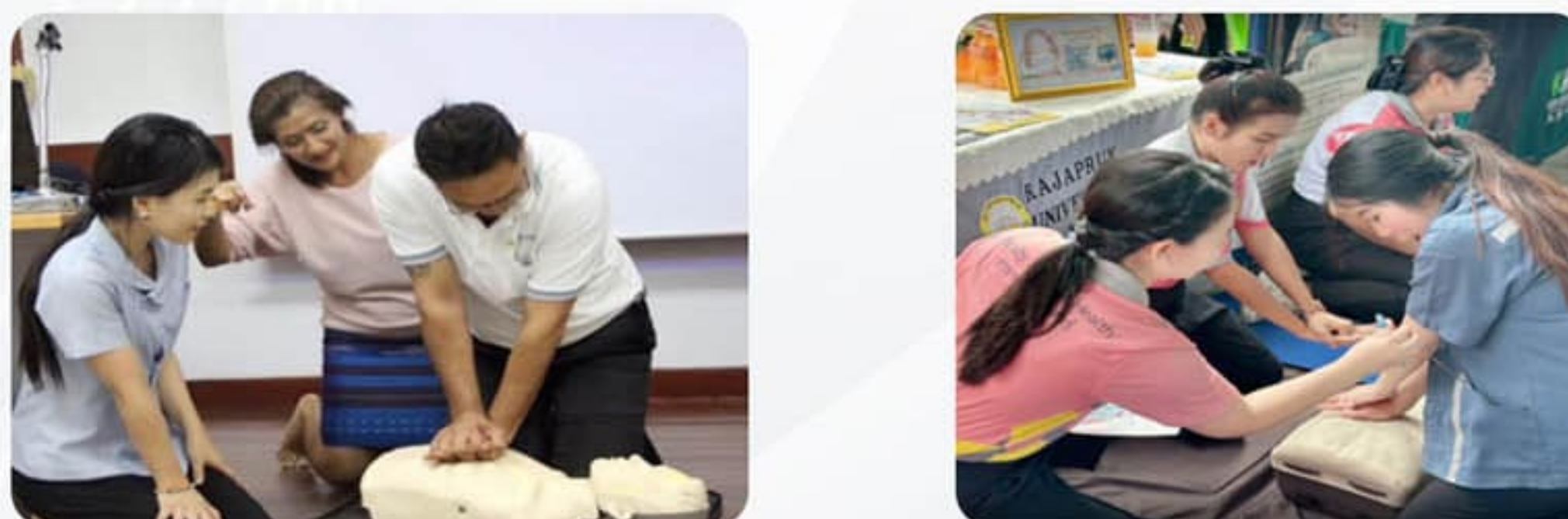
For instance, they examine how to organize health service systems during a major flood and how to respond to disease outbreaks resulting from climate change. The course content is delivered through various media – videos, articles, and interactive online quizzes – to reinforce understanding. Moreover, the MOOC fosters an international learning community where learners from different countries can exchange experiences and best practices, thereby expanding their knowledge and building a global network of experts in disaster management and public health.

2.2 Classroom Learning and Simulation-Based Practice

Although the MOOC is the central component of the program, classroom learning and hands-on practice are also vital for building comprehensive disaster management competencies. Classroom instruction allows students to interact directly with instructors and experts, engaging in discussions and working through complex scenario-based problems to prepare for real-life decision-making. These practical exercises cover all phases of a disaster, including:



Practical training through simulation drills is a crucial step in developing systematic disaster response skills. Students engage in role-playing within realistic disaster scenarios. For example, they conduct evacuation drills tailored to specific types and stages of disasters in accordance with established preparedness timelines, and they rehearse providing emergency aid to an unconscious patient. These exercises cover all phases of a disaster, including:



- **Pre-disaster phase** : Preparedness and prevention (e.g., formulating emergency plans, preparing medical supplies and response teams).
- **During-disaster phase** : Emergency response (e.g., conducting search and rescue operations, administering first aid and medical care for the injured).
- **Post-disaster phase** : Recovery and post-event evaluation (e.g., providing mental health care for survivors and restoring public health systems in affected areas).

3. Outcomes and Alignment with SDG 13

As a result of this instructional approach, learners develop the awareness and skills needed to directly confront climate-related emergencies and various disasters. The expected outcome is to produce graduates and public health personnel with the capacity to plan and implement effective relief efforts when disasters occur. These individuals will be able to work alongside government agencies and communities to reduce risks and mitigate losses during critical events.

Furthermore, the inclusion of climate change and disaster management content in both online and offline curricula directly supports the aims of SDG 13. This alignment is evident in SDG 13's specific target of enhancing adaptive capacity to climate change through education and the cultivation of public awareness.

Rajapruk University prioritizes the marine ecosystem by participating in the conservation of marine resources such as flora, fauna, mangrove forests, etc., to ensure their continued existence and sustainable utilization. These marine resources play a vital role in the life, economy, and environment of the community.

The university is dedicated to driving the achievement of Sustainable Development Goal (SDG) 14: Life Below Water through teaching and learning, extracurricular activities, and research. Concurrently, it collaborates with the government, private sector, and local communities to organize continuous activities promoting the conservation of the marine ecosystem, as follows:

Teaching and Learning Activities

In the courses Volunteer for Social Development and Sustainable Tourism Development, instructors organized learning activities under the theme of Marine Ecosystem Conservation.

These activities were designed to build knowledge, understanding, and awareness of the importance of marine resources, such as mangrove forests and dugongs. Students were required to conduct further research based on the knowledge gained in the classroom, present their findings to the class, and attend lectures delivered by expert speakers.



As part of co-curricular activities, instructors of the aforementioned courses encouraged students to participate in off-campus learning experiences at the Sea Turtle Conservation Center, Royal Thai Navy Base in Phang-nga, located in Lam Kaen Subdistrict, Thai Mueang District, Phang-nga Province. This activity aimed to foster a sense of care and responsibility for marine resources. Students learned about the turtle nurturing and life cycles of various sea turtle species, including green sea turtles, grass sea turtles, and hawksbill sea turtles while promoting sustainable ecotourism.



Ongoing Conservation Activities

Furthermore, Rajapruk University continuously organizes an activity titled “Beautiful Beach, Clear Water: Collaborating to Conserve Thai Seas.”

This is a collaborative effort held annually, bringing together students, local communities, tourists, and network partners from the government, private sector, and local organizations. The activity involves campaigning and collecting garbage on the beaches and surrounding areas, such as Sapan Hin Point, the Ban Tha Ruea Mai Ratsada Mangrove Forest Community, and the Chalong sub-district seashore in Phuket Province.

The goal of this activity is to raise awareness about maintaining the cleanliness of natural tourist attractions, foster cooperation in the sustainable conservation of marine resources, and instill the concept of shared responsibility for environmental stewardship among students and the general public alike.



Research Work

Assistant Professor Pinrat Siriphanphong, an instructor in the Tourism Industry program, conducted research on the topic: “Behavior of Food Waste Management by Community in Phuket Municipality.”

The objective of the research was to create knowledge about effective methods for separating food waste from plastic waste. The research findings indicated that composting food waste helps reduce the volume of organic waste sent to landfills, lowers methane gas emissions, and mitigates the risk of leachate—the liquid produced by decomposition from potentially leaking into natural water sources and flowing into the sea.

Furthermore, this research was presented at the 15th Benjamintra National and International Academic Conference and has been applied to the curriculum of the course "Marine Zones and Coastal and Marine Resource Management" to concretely transfer this knowledge to students.





Terrestrial Resources and Natural Ecosystems

Rajapruck University, in collaboration with the Faculty of Communication Arts, implemented the project **"Slings the Camera to the Rice Field"** under the concept of recognizing the value of the land as the foundation of the Thai way of life and a source of natural resources that should be conserved sustainably. The project aims to enable students and faculty members to learn about the agricultural community's way of life through on-site visits to understand the rice field ecosystem, water management, and local wisdom. This also reflects the idea of **"People Living in Harmony with the Land,"** which is the core of SDG 15.

Project activities began with a survey of the target area to study balanced natural resource management methods, such as cultivating local rice varieties, water management, and appropriate land use for cultivation. Subsequently, the **"Learning Community Life"** activity was organized, allowing students to participate in sustainable rice farming, including the use of organic fertilizer, crop rotation, and environmental care around the fields. The project concluded with an exchange and lesson summary session among students, lecturers, and farmers to foster an understanding of sufficient and sustainable resource utilization.



The project's outcomes reflect the objectives of the activities: On the environmental side, lecturers and students gained knowledge about the environment, rice field restoration, reduction of chemical use, and the creation of an ecological balance. On the social side, there was a transfer of local wisdom and an understanding of the valuable use of resources. Regarding the educational aspect, it helped develop systemic thinking skills and environmental consciousness, while also preserving rice farming culture, such as rice transplanting and cultivation.



The project aligns with SDG 15 sub-targets, including the sustainable conservation of terrestrial and freshwater ecosystems (SDG 15.1), the restoration of degraded areas through organic farming (SDG 15.2), the promotion of nature-based farming and balanced land use (SDG 15.4), the conservation of local rice varieties and biodiversity (SDG 15.5), and the integration of local knowledge into university-level teaching and learning (SDG 15.9)



Furthermore, the project provided opportunities for students to convey real-world experiences through creative media, such as photographs, narratives, and video clips. This resulted in tangible learning about the environment and sustainable development, fostering a consciousness for the conservation of land and natural resources, which is a crucial foundation for continued sustainable societal development.



Rajapruk University adheres to 10 principles of good governance: transparency, accountability, participation, rule of law, equality, morality, efficiency and effectiveness, decentralization, auditability, and sustainability. To govern the ethics of personnel at all levels, the university issued the "Rajapruk University Regulations on the University's Code of Ethics B.E. 2567 (2024)." This is complemented by a 360-degree performance evaluation system for administrators, an evaluation of faculty based on KSA characteristics and good governance principles, and an evaluation of staff based on work practices consistent with good governance. As a result, the university has a transparent, fair, auditable management system that provides equal opportunities for all parties to participate. This promotes an organizational culture committed to goodness, integrity, and respect for rules, which are the foundations of a democratic and sustainably peaceful society.

The university offers a "Law in Everyday Life" course every academic year as a general education subject. This course includes topics on human rights and the justice process in its course specification (TQF 3), promoting knowledge, understanding, and awareness of human rights and the justice process in society through practical learning and student participation. Mock trial activities are organized to allow students to experience fair trial procedures and learn the role of law in protecting civil rights.



In addition, Rajapruk University implements projects that foster leadership, legal knowledge, and ethics, as well as student participation in decision-making processes. This reflects the educational institution's role in driving SDG 16, "Peace, Justice, and Strong Institutions."

The Faculty of Communication Arts and the Faculty of Business Administration at Rajapruk University organized a seminar titled "Is the Use of AI in Media Creation at Risk of Being Illegal?" for students, faculty, and the general public. This seminar provided legal knowledge on Artificial Intelligence (AI) technology, streamed live on the university's Facebook page. It aimed to promote the rule of law at the national level and create equitable access to information, offering a platform for participants to learn and ask questions about ethics and law in the digital age. This initiative fosters transparency and strengthens national institutions to prevent violence.



The project for leadership training for student committees aims to develop leadership skills and conscientious teamwork. Students gain an understanding of their roles as activity leaders, fostering a network of students who can coordinate and solve problems creatively. It also promotes equal and informed participation in decision-making processes.



In addition, this project also includes student committee meetings, which lead to the transparent and participatory selection of the student president. This fosters democratic processes within the institution, creating transparent and non-discriminatory mechanisms.



Therefore, Rajapruk University's project implementations reflect the creation of transparent and participatory governance mechanisms, promoting the educational institution as a space for peace and justice. This concretely integrates SDG 16 into educational management to develop new leaders with a strong sense of awareness.



Rajapruk University is committed to its vision of “being a leading university in business and digital innovation, producing qualified and ethical graduates who are recognized nationally and internationally.”

This vision aligns with the United Nations’ Sustainable Development Goal 17: Partnerships for the Goals, which emphasizes the importance of collaboration among government sectors, private organizations, educational institutions, and communities to build a truly sustainable society.

In the academic year 2024, the university implemented eight strategic plans with 42 performance indicators, achieving 39 of them a success rate of 92.85%. This accomplishment reflects effective management based on good governance, robust staff participation, and the capacity of students to create meaningful research and innovations. The university continues to promote research and innovation that address social and environmental challenges.

Under Strategic Goal 7: Developing the University toward Excellence through the Transformation Plan, the university has focused on building partnerships with both domestic and international institutions and enterprises.



These partnerships aim to strengthen academic quality, research, and professional services, particularly through the development of the Smart Business and Digital Center a hub that connects businesses and communities while fostering digital expertise and enhancing economic competitiveness.

The university has also launched Cooperative and Work-Integrated Education (CWIE) programs with industry partners, giving students real-world learning experiences. In addition, it plans to establish academic collaborations with at least 70 institutions worldwide by 2028, enabling student and faculty exchanges and joint research on global issues such as equitable education, local economic development, and sustainable technology use.



By implementing SDG 17, the university not only builds structural partnerships but also fosters a “culture of collaboration for society.” Everyone students, faculty, communities, businesses, and international partners works together to create a learning society where no one is left behind.

Rajapruk University strives to become a Smart Business and Digital University guided by ethics and dedicated to strengthening partnerships for sustainable national and global development.



Rajapruk University

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