




## Outreach projects by Assumption University in education, health, information services, reading, community engagement, and tutorials for the local community.

Project	Detail	Related SDGs	Photo
1. Collaborative Community Service Projects by Assumption University for the 2023 Academic Year	<p>The Institute for Research and Academic Services (IRAS), in collaboration with various faculties, organized an event to foster relationships between Assumption University and the surrounding communities on August 25, 2023, at the Suvarnabhumi Campus. The event was attended by representatives from local organizations in Bang Sao Thong and Bang Bo districts of Samut Prakan province, including district offices, local administrative organizations, police stations, health promotion hospitals, and schools.</p> <p>The activities included an introduction to Assumption University's academic services to society, presentations highlighting the expertise of different faculties in providing academic services, and a platform for hearing the community's issues and needs for academic support from the University.</p> <p>After receiving feedback on the community's needs and concerns, Assumption University developed academic service projects to address these issues. The specific projects implemented by each faculty during the 2023 academic year are as follows:</p> <ol style="list-style-type: none"> <li>1. First Aid Training for Teachers/Students at Wat Khotharam School and Talat Pak Khlong Chao School (Faculty of Nursing Science)</li> <li>2. "Arts Social and Cultural Connect" Activity at Bang Bo School (Faculty of Arts)</li> <li>3. Singing Skills Training for Students from Bang Bo 2 School Group, covering 18 schools (Faculty of Music)</li> <li>4. Training on Solar Cell Technology and Energy Saving for Teachers and Students at Ban Rakat Community School (Faculty of Engineering)</li> </ol>	1, 3, 4, 7 9, 11, 12, 13, 16, 17	  

5. Consultation and Assistance in Designing Publicity Boards and Public Services for Bang Sao Thong Police Station (Faculty of Communication Arts)
6. Basic Knowledge Training in Creative Architectural Design for Students at Nawaminthrachinuthit Triam Udomsuksa Pattanakarn School (Faculty of Architecture and Design)
7. Consultation and Assistance in Developing a School Emergency Notification App for Teachers at Wat Sao Thong Nok School (Faculty of Science and Technology)
8. Training on Personal Financial Management for Grade 11 Students at Nawaminthrachinuthit Triam Udomsuksa Pattanakarn School (Faculty of Business Administration and Economics)

Alignment with Sustainable Development Goals (SDGs):


- **SDG 1: No Poverty**  
The various educational initiatives, such as financial management training and skills development in renewable energy, help equip individuals with the knowledge and tools to improve their economic circumstances and reduce poverty.
- **SDG 3: Good Health and Well-being**  
The First Aid Training project addresses public health by providing crucial skills to teachers and students in the event of health emergencies, ensuring better well-being within the community.
- **SDG 4: Quality Education**  
The projects implemented by the faculties directly contribute to quality education by offering specialized training, workshops, and academic support, thus enriching the educational experiences of students in local schools.
- **SDG 7: Affordable and Clean Energy**  
The Training on Solar Cell Technology initiative promotes sustainable energy solutions and the adoption of clean energy technologies in schools, thus advancing energy efficiency and sustainability.




- **SDG 9: Industry, Innovation, and Infrastructure**  
The various training programs, such as Creative Architectural Design and Emergency Notification App Development, foster innovation and the development of technical skills that contribute to infrastructure improvement in local communities.
- **SDG 11: Sustainable Cities and Communities**  
The community service projects, including designing publicity boards and developing emergency notification systems, contribute to enhancing the resilience and sustainability of communities by improving public services and infrastructure.
- **SDG 12: Responsible Consumption and Production**  
The energy-saving training in solar technologies promotes responsible consumption and encourages sustainable practices in the community, reducing the carbon footprint and promoting environmental sustainability.
- **SDG 13: Climate Action**  
Through the training on solar energy and energy-saving practices, the university encourages actions that mitigate climate change by promoting clean energy and reducing environmental impact.
- **SDG 16: Peace, Justice, and Strong Institutions**  
The collaboration with local authorities and the development of emergency notification systems help strengthen institutions and promote safety, justice, and the rule of law within communities.
- **SDG 17: Partnerships for the Goals**  
The collaboration between Assumption University and local communities exemplifies partnerships for sustainable development, as the academic expertise is effectively used to address community challenges and contribute to long-term goals.






Project	Detail	Related SDGs	Photo
<p>2. One Province One Agro-Industrial Community : OPOAI-C (Nonthaburi)</p> <p>June-Sept 2024</p>	<p>This activity is part of a collaboration between School of Biotechnology and Nonthaburi Provincial Industrial Office under the Ministry of Industry to develop prototype products and packaging, while also providing knowledge about product standards and market testing. It emphasizes the use of technology and innovation to improve the quality of products and packaging, and to build knowledge for target groups. The goal is to help farmers and agricultural community enterprises upgrade their agricultural products by connecting them with the production sector</p> <p>The project consists of the following steps:</p> <ul style="list-style-type: none"> <li>• Organize hands-on workshops to transfer knowledge to entrepreneurs and community enterprises.</li> <li>• Provide consultation and guidance on product and packaging development.</li> <li>• Share knowledge on methods and processes for developing products and packaging, including marketing plans.</li> <li>• Connect with marketing channels to help promote and distribute the products.</li> </ul> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – Enhances economic resilience for farmers and community enterprises by increasing the value and marketability of agricultural products.</li> <li>• SDG 2: Zero Hunger – Improves agricultural efficiency and promotes access to nutritious, safe, and locally produced food through product development.</li> <li>• SDG 3: Good Health and Well-being – Promotes food safety and health-conscious product design that meets quality standards.</li> <li>• SDG 4: Quality Education – Provides lifelong learning opportunities and skill-building for target groups through workshops and training programs.</li> </ul>	<p>1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 16, 17</p>	

	<ul style="list-style-type: none"> <li>• SDG 8: Decent Work and Economic Growth – Encourages entrepreneurship, job creation, and sustainable local economic development.</li> <li>• SDG 9: Industry, Innovation, and Infrastructure – Drives innovation in the development of products and packaging using biotechnology and eco-design principles.</li> <li>• SDG 10: Reduced Inequalities – Empowers marginalized groups, including smallholder farmers and community producers, with access to knowledge and markets.</li> <li>• SDG 11: Sustainable Cities and Communities – Strengthens local economies and supports sustainable livelihoods within communities.</li> <li>• SDG 12: Responsible Consumption and Production – Promotes sustainable production methods and encourages the use of biodegradable or recyclable packaging.</li> <li>• SDG 13: Climate Action – Supports climate-resilient practices by introducing eco-friendly technologies and reducing environmental impact in production.</li> <li>• SDG 16: Peace, Justice and Strong Institutions – Encourages inclusive and participatory development processes through community engagement and transparent partnerships.</li> <li>• SDG 17: Partnerships for the Goals – Exemplifies multi-stakeholder collaboration between academia, government, and local communities to achieve shared development outcomes.</li> </ul>		
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Project	Detail	Related SDGs	Photo
<p>3. One Province One Agro- Industrial Community : OPOAI-C (Sakaeo)</p> <p>Feb-June 2024</p>	<p>Product and packaging prototype development project in collaboration with Nonthaburi Provincial Industrial Office under the Ministry of Industry. This project focuses on the development of product and packaging prototypes, while also providing knowledge on product standards and market testing. It emphasizes the integration of technology and innovation to improve product and packaging quality, as well as to enhance knowledge among target groups. The aim is to create value-added agricultural products for farmers within community enterprises, agricultural groups, and agricultural cooperatives. The project also seeks to increase competitiveness in areas such as production, product and packaging development, product standards, and marketing. At the same time, it helps strengthen the knowledge and capacity of farmers.</p> <p>Key Activities:</p> <ul style="list-style-type: none"> <li>• Organize hands-on training workshops to transfer knowledge to entrepreneurs and four target community enterprise groups.</li> <li>• Provide consultation and advice on product and packaging development.</li> <li>• Deliver knowledge on methods and processes for product and packaging development.</li> <li>• Connect with marketing channels to promote product distribution.</li> </ul> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – By enhancing income opportunities for farmers and small-scale producers.</li> <li>• SDG 2: Zero Hunger – By supporting improved agricultural productivity and value-added food products.</li> <li>• SDG 3: Good Health and Well-being – Through the promotion of food safety and high-quality, health-conscious product standards.</li> <li>• SDG 4: Quality Education – By providing skill-building and lifelong learning opportunities for target groups.</li> </ul>	<p>1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 16, 17</p>	


	<ul style="list-style-type: none"> <li>• SDG 8: Decent Work and Economic Growth – By fostering entrepreneurship, increasing competitiveness, and supporting local employment.</li> <li>• SDG 9: Industry, Innovation and Infrastructure – Through the application of innovative processes and development of sustainable packaging technologies.</li> <li>• SDG 10: Reduced Inequalities – By empowering marginalized farming communities with access to markets and technical knowledge.</li> <li>• SDG 11: Sustainable Cities and Communities – By promoting resilient local economies and sustainable production practices.</li> <li>• SDG 12: Responsible Consumption and Production – Through environmentally friendly packaging and sustainable production models.</li> <li>• SDG 13: Climate Action – By encouraging low-impact, eco-innovative solutions in production and packaging.</li> <li>• SDG 16: Peace, Justice and Strong Institutions – By supporting inclusive participation, transparency, and community-based development models.</li> <li>• SDG 17: Partnerships for the Goals – By exemplifying effective collaboration between academia, government agencies, and community stakeholders.</li> </ul>		
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Project	Detail	Related SDGs	Photo
<p>4. Food Safety Workshop</p> <p>13 June 2023</p>	<p>Theophane Venard School of Biotechnology recently hosted a one-day workshop on Food Safety, led by Dr. Imran Ahmad from Florida International University (FIU), alongside Asst. Prof. Dr. Suvalak Asavasanti and Dr. Atittaya Tandhanskul.</p> <p>The primary goal of this workshop was to equip participants – especially members of the public with limited background in food science and local entrepreneurs – with essential knowledge of food safety principles. It also aimed to provide biotechnology students with a strong foundation in developing food safety plans in line with the latest Food Safety Modernization Act (FSMA) regulations.</p> <p>During the session, participants learned about the core components of preventive controls and how these can be practically applied in food-related workplaces. The training helped raise awareness and build competencies in safe food handling, production, and regulation compliance.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 2: Zero Hunger – By promoting safe, nutritious, and sustainable food systems through proper food safety practices.</li> <li>• SDG 3: Good Health and Well-being – By reducing risks of foodborne illness and improving public health outcomes.</li> <li>• SDG 4: Quality Education – By providing accessible, relevant training and education to students and the public.</li> <li>• SDG 6: Clean Water and Sanitation – Through awareness of hygiene and sanitation practices essential to food safety.</li> <li>• SDG 8: Decent Work and Economic Growth – By strengthening food-related entrepreneurial capacity and workforce skills.</li> <li>• SDG 9: Industry, Innovation and Infrastructure – By promoting best practices and compliance standards in food processing and production systems.</li> </ul>	<p>2, 3, 4, 6, 8, 9, 16, 17</p>	




	<ul style="list-style-type: none"> <li>• SDG 16: Peace, Justice and Strong Institutions – Through the promotion of regulatory compliance, transparency, and safe practices in the food industry.</li> <li>• SDG 17: Partnerships for the Goals – By fostering collaboration between academia, international experts, and local communities.</li> </ul>		
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Project	Detail	Related SDGs	Photo
<p>5. Workshop: How to produce heel cream with banana extract reflecting the use of BCG concept in new product development.</p> <p>3-4 Aug 2023</p>	<p>The Faculty of Biotechnology, in collaboration with the Nonthaburi Provincial Industry Office, organized a community training workshop titled “Promoting Careers, Increasing Income, and Improving Quality of Life” at the Sri Khlong Khoi Women’s Community Enterprise Group in Pak Kret District, Nonthaburi Province.</p> <p>The training included a hands-on demonstration on how to make banana peel extract heel cream, based on the BCG Model – a sustainable development approach focusing on Bioeconomy, Circular Economy, and Green Economy. This model encourages the use of local biological resources, promotes waste reduction through reuse, and supports environmentally friendly innovation to improve both the economy and community well-being.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – By creating income-generating opportunities for local communities.</li> <li>• SDG 2: Zero Hunger – By adding value to agricultural by-products and strengthening food-related knowledge.</li> <li>• SDG 3: Good Health and Well-being – Through the development of natural, safe health-related products.</li> <li>• SDG 4: Quality Education – By delivering practical, hands-on training to build skills and local expertise.</li> </ul>	<p>1, 2, 3, 4, 5, 8, 9, 10,11, 12, 13, 15, 16</p>	

- SDG 5: Gender Equality – By empowering women-led community enterprises.
- SDG 8: Decent Work and Economic Growth – By supporting local entrepreneurship and sustainable income generation.
- SDG 9: Industry, Innovation and Infrastructure – Through innovative use of agricultural resources and product development.
- SDG 10: Reduced Inequalities – By including and supporting marginalized groups in economic activities.
- SDG 11: Sustainable Cities and Communities – By fostering sustainable practices at the community level.
- SDG 12: Responsible Consumption and Production – By promoting reuse and waste reduction.
- SDG 13: Climate Action – By encouraging low-carbon, eco-friendly innovation.
- SDG 15: Life on Land – Through sustainable use of land-based biological resources.
- SDG 16: Peace, Justice and Strong Institutions – By building trust and collaboration between academic and government sectors in community development.



Project	Detail	Related SDGs	Photo
<p>6. Workshop: Herbal soap</p> <p>28 July 2024</p>	<p>School of Biotechnology organized this workshop to support the United Nations Sustainable Development Goals (SDGs) by encouraging sustainable practices and community development.</p> <p>The main activity is making herbal soap from used coffee grounds. These coffee grounds usually come from coffee shops and are often thrown away. The workshop shows participants how to reuse them to make useful products. This helps reduce waste and create new ways to earn money in the community.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – By providing new livelihood opportunities and skill-building activities.</li> <li>• SDG 2: Zero Hunger – By supporting sustainable practices that can complement food-related economic activities.</li> <li>• SDG 3: Good Health and Well-being – Through the use of natural ingredients and the promotion of personal hygiene.</li> <li>• SDG 4: Quality Education – By offering hands-on training and knowledge-sharing on sustainable product development.</li> <li>• SDG 5: Gender Equality – By empowering women through entrepreneurial skills.</li> <li>• SDG 8: Decent Work and Economic Growth – By creating green jobs and encouraging sustainable small businesses.</li> <li>• SDG 9: Industry, Innovation and Infrastructure – Through low-tech innovation and resource-efficient production.</li> <li>• SDG 10: Reduced Inequalities – By involving diverse community groups in income-generating activities.</li> <li>• SDG 11: Sustainable Cities and Communities – By promoting circular economy practices at the community level.</li> <li>• SDG 12: Responsible Consumption and Production – By reusing waste materials and reducing reliance on new resources.</li> </ul>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 15, 16</p>	


	<ul style="list-style-type: none"> <li>• SDG 13: Climate Action – By reducing waste and promoting low-carbon production methods.</li> <li>• SDG 15: Life on Land – By encouraging responsible use of land-based resources and reducing pollution.</li> <li>• SDG 16: Peace, Justice and Strong Institutions – By fostering collaboration and capacity-building in local communities.</li> </ul>		
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Project	Detail	Related SDGs	Photo
<p>7. Consult Booth at 'DIPROM × BCG Economy Model'</p> <p>8 Aug 2024</p>	<p>The Technology Transfer Center (TTC) at Assumption University's Faculty of Biotechnology set up a booth to offer science and product development consultations for entrepreneurs. This initiative aims to strengthen the community's foundation through the DIPROM × BCG Economy Model, which focuses on enhancing community industries. The event is part of a program to elevate community businesses and promote networking, business negotiations, and new business opportunities. It also inspires and encourages other entrepreneurs to improve their production capabilities through the BCG Economy Model.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – By enabling entrepreneurs to generate income and build more stable livelihoods.</li> <li>• SDG 2: Zero Hunger – By supporting agro-based community enterprises to improve food security and nutrition.</li> <li>• SDG 3: Good Health and Well-being – Through support of safe and health-conscious product development.</li> <li>• SDG 4: Quality Education – By delivering practical knowledge and training in science and technology.</li> </ul>	1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17	





- SDG 5: Gender Equality – By promoting equal access to opportunities for female entrepreneurs.
- SDG 8: Decent Work and Economic Growth – By enhancing local economies through innovation and entrepreneurship.
- SDG 9: Industry, Innovation and Infrastructure – Through scientific consulting and technological development.
- SDG 10: Reduced Inequalities – By supporting small and medium-sized community enterprises in underserved areas.
- SDG 11: Sustainable Cities and Communities – By encouraging local production that is environmentally sustainable.
- SDG 12: Responsible Consumption and Production – By promoting efficient use of resources and sustainable manufacturing practices.
- SDG 13: Climate Action – Through integration of green economy practices and awareness.
- SDG 14: Life Below Water – By encouraging environmentally safe production that avoids water pollution.
- SDG 15: Life on Land – Through sustainable use of natural resources and ecological balance.
- SDG 16: Peace, Justice and Strong Institutions – By promoting inclusive and participatory approaches to local development.
- SDG 17: Partnerships for the Goals – By fostering cooperation among universities, government agencies, and communities.



Project	Detail	Related SDGs	Photo
<p>8. Workshop: Pomelo wine</p> <p>2 Mar 2024</p>	<p>School of Biotechnology, Assumption University, in collaboration with The Community Industry Entrepreneur Development Division, Department of Industrial Promotion, organized a training session on pomelo wine production for the local tourism community enterprise of Koh Lat E Tan, Bang Toey Sub-district, Sam Phran District, Nakhon Pathom Province.</p> <p>The main purpose of this workshop was to add value to local agricultural products by using science, innovation, and technology. It was part of the project to upgrade local businesses and community enterprises under the fiscal year 2024 budget, with early funding from the 2023 fiscal year.</p> <p>Participants learned about the step-by-step process of making pomelo wine, including preparation, fermentation, and quality control. This hands-on training also allowed students to connect classroom learning with real community needs. During the event, the organizers also discussed future collaboration by turning local problems into learning opportunities, encouraging students to apply their knowledge to develop real solutions for communities.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – Supporting income generation for local communities.</li> <li>• SDG 2: Zero Hunger – Promoting value-added agricultural processing.</li> <li>• SDG 4: Quality Education – Connecting academic learning with community-based experiential education.</li> <li>• SDG 8: Decent Work and Economic Growth – Enhancing entrepreneurial skills and local job opportunities.</li> <li>• SDG 10: Reduced Inequalities – Empowering marginalized or rural communities through economic development.</li> <li>• SDG 11: Sustainable Cities and Communities – Strengthening local tourism and community resilience.</li> </ul>	<p>1, 2, 4, 8, 10, 11, 12, 17</p>	


	<ul style="list-style-type: none"> <li>• SDG 12: Responsible Consumption and Production – Promoting efficient use of natural resources and minimizing waste.</li> <li>• SDG 17: Partnerships for the Goals – Encouraging academia–government–community partnerships for sustainable outcomes.</li> </ul>		
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Project	Detail	Related SDGs	Photo
<p>9. กิจกรรมการพัฒนาศักยภาพผู้ประกอบการหรือวิสาหกิจด้วยเศรษฐกิจ BCG Model ภายใต้โครงการส่งเสริมและพัฒนาอุตสาหกรรมที่ยั่งยืนตามแนวคิด BCG ประจำปีงบประมาณ พ.ศ. 2567 กระทรวงอุตสาหกรรม</p>	<p>Technology Transfer Center, Theophane Venard School of Biotechnology, Assumption University joined the workshop and presented the results of the project “Sustainable Industry Development Based on the BCG Economy Model”. The event was organized by the Nonthaburi Provincial Industry Office.</p> <p>The main goal of the project is to promote sustainable industries that grow alongside local communities, following the BCG (Bio-Circular-Green) Economy Model. The project also supports the development of a Community of Practice (CoP) in applying BCG concepts to real situations.</p> <p>Activities included presenting product innovation projects that add value to local resources, sharing experiences, and exchanging ideas among participants. This project encourages local businesses and communities to use science, innovation, and technology to improve products and build a strong and sustainable local economy.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – By supporting local industries and improving income-generating opportunities.</li> <li>• SDG 2: Zero Hunger – Through agricultural innovation and food-related product development.</li> </ul>	1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 16, 17	 

- SDG 3: Good Health and Well-being – Ensuring product safety and quality for consumers.
- SDG 4: Quality Education – Promoting learning through real-world innovation and CoP development.
- SDG 8: Decent Work and Economic Growth – Strengthening local economies through innovation-driven industry.
- SDG 9: Industry, Innovation and Infrastructure – Supporting industrial modernization and sustainable infrastructure.
- SDG 10: Reduced Inequalities – Empowering marginalized communities through technology transfer.
- SDG 11: Sustainable Cities and Communities – Promoting sustainable local development models.
- SDG 12: Responsible Consumption and Production – Enhancing the value of local resources and promoting circular use.
- SDG 13: Climate Action – Supporting environmentally friendly production practices.
- SDG 16: Peace, Justice and Strong Institutions – Fostering collaboration, good governance, and inclusive participation.
- SDG 17: Partnerships for the Goals – Facilitating strong multi-sectoral partnerships for sustainable development.





Project	Detail	Related SDGs	Photo
10. Soft Power	<p>Theophane Venard School of Biotechnology, Assumption University, works together with the Department of Industrial Promotion on Soft Power project.</p> <p>This project aims to improve production capacity using local ingredients to create higher-value community food products. It promotes the use of appropriate technology and scientific knowledge to upgrade community dishes into consistent, quality-controlled products that reduce waste, lower costs, and extend shelf life.</p> <p>The project supports the development of new product concepts from local recipes, helping communities turn them into market-ready products. It also encourages eco-friendly production and uses Soft Power to boost marketing opportunities, leading to a "DPRoM Community."</p> <p>Activities include:</p> <ol style="list-style-type: none"> <li>1. Providing advice to improve production efficiency</li> <li>2. Recommending suitable technology or ways to add value to local ingredients</li> <li>3. Analyzing production and market feasibility</li> <li>4. Creating new product prototypes with packaging and labels</li> </ol> <p>The implementation of activities to promote the application of appropriate production technologies in driving communities toward becoming "DEE PROM" communities has been successfully completed. It was found that the target groups were encouraged and supported to enhance their capabilities in the production process through the use of appropriate technologies or scientific knowledge. This aimed to enable them to produce with quality and consistency, and to align with future certification requirements for production standards or products, ultimately elevating them to become DIPROM communities.</p> <p>The outcomes include an average reduction in waste by 60%, equivalent to approximately 132,000 baht per year; an average cost</p>	1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 16, 17	

reduction of 30.03%, equivalent to approximately 208,000 baht per year; and an average increase in sales value of 124.65%, amounting to approximately 6,355,200 baht per year. The total economic value generated is approximately 6,695,200 baht, representing a return of approximately 10.63 times the allocated budget.

#### Relevant Sustainable Development Goals (SDGs):

- SDG 1: No Poverty – By improving local income through value-added products.
- SDG 2: Zero Hunger – By enhancing food production and sustainability.
- SDG 3: Good Health and Well-being – Through safer, standardized food production.
- SDG 4: Quality Education – Via knowledge transfer and skill development in communities.
- SDG 8: Decent Work and Economic Growth – Supporting local employment and entrepreneurship.
- SDG 9: Industry, Innovation and Infrastructure – Applying appropriate technologies in production.
- SDG 10: Reduced Inequalities – Empowering grassroots communities with tools to compete economically.
- SDG 11: Sustainable Cities and Communities – Encouraging resilient and thriving local economies.
- SDG 12: Responsible Consumption and Production – Reducing waste and promoting sustainable food systems.
- SDG 13: Climate Action – Lowering environmental impact through efficiency.
- SDG 16: Peace, Justice and Strong Institutions – Promoting good governance and inclusive growth.
- SDG 17: Partnerships for the Goals – Through collaboration between academia and government.

**ผลิตภัณฑ์ และควบคุมคุณภาพ**  
**โตะเส้นดีพร้อม DIY set**  
WHAT IS TECHNOLOGY

**Drying process**  
การอบแบบเย็นให้แห้ง ลดความชื้น ลดน้ำหนัก และเพิ่มอายุการเก็บ

**Sterilization process**  
การมีดอายุของบรรจุภัณฑ์ ด้วยการฆ่าเชื้อแบบใช้ความร้อนและความดันสูง

**Packaging Selection**  
การเลือกใช้บรรจุภัณฑ์ที่เหมาะสม เพื่อมีอายุการเก็บรักษา

**ผลิตภัณฑ์ Soft Power**  
**โตะเส้นดีพร้อม DIY set**  
จากวิสาหกิจชุมชนกลุ่มท่องเที่ยวเมืองลวงเหนือ จังหวัดเชียงใหม่

ขนมเส้นหรือขนมจีน เป็นอาหารพื้นบ้านของชาวเหนือ นำมาใส่หรือ ผ่ากับเครื่องปรุงรสที่ใช้น้ำเป็นส่วนประกอบ ซึ่งนำไปเป็นเครื่องปรุงรสที่สำคัญในอาหารเหนือ มีกลิ่นรสเฉพาะตัว ทำจากภูมิปัญญาชาวบ้านที่สืบทอดกันมาตั้งแต่อดีต ปัจจุบันมีการนำน้ำสมุนไพรที่มีประโยชน์มาผสมในน้ำแป้ง เพื่อให้มีคุณค่าทางโภชนาการเพิ่มขึ้น

**ผล**  
**ความสำเร็จ**

- พัฒนาโตะเส้นดีพร้อม DIY set ให้เป็นผลิตภัณฑ์ที่มีคุณภาพ
- ลดต้นทุนในการผลิต
- ลดปริมาณของเสียจากน้ำได้ 15%
- คิดเป็นมูลค่าเพิ่มขึ้น 100%

วิสาหกิจชุมชนกลุ่มท่องเที่ยวเมืองลวงเหนือ จังหวัดเชียงใหม่  
142 ม.4 ต.ลวงเหนือ อ.ดอยสะเก็ด จ.เชียงใหม่ 50220

facebook.com/กลุ่มวิสาหกิจชุมชนเมืองลวงเหนือ

**ผลิตภัณฑ์ และควบคุมคุณภาพ**  
**อะโวคาโดผงไฮไฟโตนิวเทรียนท์**  
พร้อมของ WHAT IS TECHNOLOGY

**Flavor technology**  
เพื่อใช้ผลิตกับผลิตภัณฑ์ ไม่ขึ้นกลิ่น และมีคุณภาพสม่ำเสมอ

**Phytochemicals fortification**  
การเพิ่มคุณค่าด้วยสารไฟโตเคมิคัลที่มีคุณสมบัติต้านอนุมูลอิสระ

**Modified Atmosphere Packaging (MAP)**  
ใช้บรรจุภัณฑ์ประเภท MAP เพื่อมีอายุการเก็บรักษา

**ผลิตภัณฑ์ Soft Power**  
**อะโวคาโดผงไฮไฟโตนิวเทรียนท์พร้อมของ**  
จากวิสาหกิจชุมชนผู้ปลูกอะโวคาโดในวังน้ำเขียว จังหวัดนครราชสีมา

วังน้ำเขียว เป็นแหล่งปลูกอะโวคาโดขึ้นชื่อ เนื่องจากดิน น้ำ อากาศ และสภาพภูมิอากาศที่เหมาะสม สามารถปลูกอะโวคาโดได้โดยไม่ต้องใช้สารเคมี ไม่ใช้สารเคมี ทำให้ผลผลิตมีคุณภาพดี รสชาติดี

การนำผลผลิตมาแปรรูปเป็นผง เป็นทางเลือกที่ดีในการเก็บรักษาและเพิ่มมูลค่าของอะโวคาโด


อะโวคาโดผงไฮไฟโตนิวเทรียนท์พร้อมของ เป็นอาหารฟังก์ชันที่มีประโยชน์ต่อสุขภาพ มีวิตามินและแร่ธาตุสูง มีประโยชน์ต่อสุขภาพ และเสริมคุณค่าทางโภชนาการให้กับผลิตภัณฑ์ และแถมยังอร่อยอีกด้วย ให้ความหวานธรรมชาติจากหญ้าหวาน

**ผล**  
**ความสำเร็จ**

- พัฒนาอะโวคาโดผงไฮไฟโตนิวเทรียนท์พร้อมของ เพิ่มคุณค่าจากไฟโตเคมิคัลและแอนโทไซยานินธรรมชาติ
- มีอายุการเก็บรักษา ผลิตภัณฑ์มีอายุการเก็บ 6 เดือน
- ลดปริมาณของเสียลงได้ 50%
- คิดเป็นมูลค่าเพิ่มขึ้น 100%

วิสาหกิจชุมชนผู้ปลูกอะโวคาโดในวังน้ำเขียว จังหวัดนครราชสีมา  
399 ม.16 ต.วังน้ำเขียว อ.วังน้ำเขียว จ.นครราชสีมา 30370

facebook.com/RiboonFarm




Project	Detail	Related SDGs	Photo
11. Sustainnovation Center 'Nan project'	<p>Sustainnovation Center by Theophane Venard School of Biotechnology and Albert Laurence School of Communication Arts, in collaboration with Research and Academic Services Affairs, worked with the Innovative Village Community Enterprise in Nan Province. This project aims to transfer innovative technology to increase the value of herbal products and boost household income.</p> <p>The group's essential oils and other agricultural products were developed into various items, such as:</p> <ul style="list-style-type: none"> <li>• Rose Syrup</li> <li>• Rose Jam</li> <li>• Balm</li> <li>• Sesame Bread</li> <li>• Matuem Sesame Cookies</li> </ul> <p>This initiative helps improve local products and supports community growth.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – Enhancing income for community members.</li> <li>• SDG 2: Zero Hunger – Supporting local food products and food security.</li> <li>• SDG 3: Good Health and Well-being – Promoting natural, herbal-based products.</li> <li>• SDG 4: Quality Education – Transferring practical knowledge and skills to communities.</li> <li>• SDG 5: Gender Equality – Empowering women-led community enterprises.</li> <li>• SDG 8: Decent Work and Economic Growth – Creating income-generating opportunities.</li> <li>• SDG 9: Industry, Innovation and Infrastructure – Fostering rural innovation and small-scale production.</li> <li>• SDG 10: Reduced Inequalities – Supporting inclusive economic development in rural areas.</li> </ul>	1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 15, 17	






- SDG 11: Sustainable Cities and Communities – Strengthening resilient rural communities.
- SDG 12: Responsible Consumption and Production – Promoting value-added, local, and sustainable products.
- SDG 13: Climate Action – Encouraging eco-friendly production using local materials.
- SDG 15: Life on Land – Promoting sustainable use of biodiversity and local natural resources.
- SDG 17: Partnerships for the Goals – Academic–community partnership for sustainable impact.





Project	Detail	Related SDGs	Photo
12. Awakening Festival Chiangmai “SA-TI”	<p>Montfort del Rosario School of Architecture and Design collaborated with the Tourism Authority of Thailand and Time Out Bangkok to participate in the “Awakening Festivals Chiangmai” under the theme “Polar-Rise คิดเหนือ” from November 11–19, 2023, at Wat Chompoo, Chiangmai. Two lecturers, Mrs. Apinantaya Bua-iem and Ms. Daruswat Wattanarojananikorn, showcased their project, "SA-TI" is an interactive art installation designed to promote mindfulness through the integration of architecture, lighting design, and technology. The installation features a meditation mat equipped with a heart rate sensor and LED lighting, all controlled by a microcontroller using Arduino coding. By combining art with technology, this project encourages meditation as a tool for enhancing personal well-being, allowing visitors to immerse themselves in a tranquil, reflective environment.</p> <p>Objective: "SA-TI" aims to create an immersive experience that fosters mindfulness and mental clarity. The project brings together various disciplines—architecture, lighting design, and technology—to offer individuals a brief but meaningful moment of peace amidst the distractions of modern life.</p> <p>Concept and Impact: In today’s fast-paced world, many people face constant distractions and mental fatigue. "SA-TI" offers a space for visitors to practice mindfulness, inviting them to turn inward and observe their mental state. The short meditation sessions foster awareness, helping individuals manage stress and emotional turbulence. Over time, this practice aims to enhance concentration and cultivate wisdom. The meditation circle created by "SA-TI" provides a reflective space for participants to develop emotional resilience and inner peace.</p> <p>Event Summary: The Awakening Festival Chiangmai is a significant event aimed at promoting local tourism and enhancing Chiangmai's position as a</p>	3 ,17	 <p>ภาพที่ 3-4 รูปพื้นที่บริเวณจัดแสดงงาน จุดที่ 6 (วัดชนะ)</p>  

	<p>cultural hub in Northern Thailand. The festival, organized by TimeOut Bangkok (part of TimeOut England Limited) and sponsored by the Tourism Authority of Thailand and Thai Beverage Company, introduced the region's first "Light and Art" festival. This collaborative effort between artists, public and private sectors highlights the importance of partnerships in achieving sustainable tourism and cultural development (SDG 17).</p> <p>Over the course of 10 days, more than 1,000 visitors attended the festival, experiencing the "SA-TI" installation. The installation offered a peaceful space for meditation and mental relaxation, set against the serene backdrop of Buddha alley, accompanied by soothing music. This initiative directly contributes to SDG 3 (Good Health and Well-being) by providing an environment conducive to mindfulness practice.</p> <p>The concept of utilizing new media in meditation sparked discussions among visitors, including monks, Buddhist practitioners, students, and the general public. The installation received positive feedback, with the abbot of the temple officially recognizing "SA-TI" as an innovative approach to modern meditation, enhancing mindfulness practices in today's fast-paced world.</p>		
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Project	Detail	Related SDGs	Photo
13. AAU Bridging the Gap with Prospective High School	<p>Montfort del Rosario School of Architecture and Design PR teams create a roadshow and workshop to promote an understanding in architectural design among young generation and participated parents both on campus and out of campus.</p> <p>Objectives:</p> <ul style="list-style-type: none"> <li>Enhance understanding of basic architectural knowledge among young adults and the general public.</li> <li>Promote the Montfort del Rosario School of Architecture and Design's programs, introducing students and parents to the architecture field and its impact on daily living.</li> <li>Encourage an appreciation for architectural design as a way to improve people's quality of life and make informed decisions about the spaces they inhabit.</li> </ul> <p>SDG Goals:</p> <ul style="list-style-type: none"> <li>SDG 4: Quality Education – The program aims to provide young adults with foundational knowledge in architecture, promoting access to quality education and inspiring the next generation of architects.</li> <li>SDG 5: Gender Equality – Encourages equal participation and engagement in architectural education for all genders.</li> <li>SDG 9: Industry, Innovation, and Infrastructure – The roadshow emphasizes the role of architecture in creating innovative and sustainable infrastructure.</li> <li>SDG 10: Reduced Inequalities – By making architectural knowledge more accessible, the program works to reduce educational disparities, ensuring that a broader range of students has the opportunity to pursue a career in architecture.</li> <li>SDG 11: Sustainable Cities and Communities – Highlights the importance of sustainable architectural design in building communities that are resilient, eco-friendly, and capable of withstanding the challenges of modern life.</li> </ul>	4	  

- SDG 13: Climate Action – Promotes sustainable architectural practices that consider environmental impact and climate action, encouraging future architects to create eco-friendly designs.



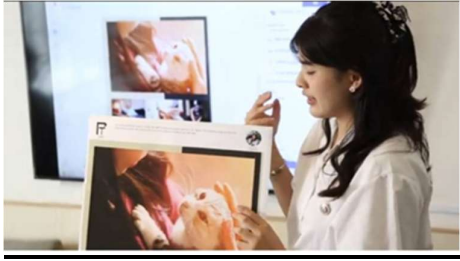

Summary:

The "J Knowledge" roadshow and workshop initiative was developed as part of Montfort del Rosario School of Architecture and Design's public relations strategy. This project aimed to bridge the gap between young prospective high school students and the field of architecture. Through engaging presentations and workshops, students, parents, and the public gained a deeper understanding of architectural design and its importance in shaping the built environment.


The roadshow reached diverse audiences, both within and outside of campus, fostering awareness of how architecture influences everyday living. Participants were introduced to key concepts in architecture, which enabled them to make more informed decisions about their living spaces. The project's impact aligns with the university's commitment to providing quality education, promoting sustainable and inclusive practices, and encouraging innovation in the field of architecture.









Project	Detail	Related SDGs	Photo
<p>14. AAU Collaborate for business expansion x Lasanya</p>	<p>The AAU Collaborate for Business Expansion x Lasanya program is a collaborative initiative led by the School of Architecture and Design. The project integrates summer academic services with the furniture design course offered by the Department of Interior Architecture. This collaboration brings together students from four different majors across three faculties: the Faculty of Business Administration and the School of Architecture and Design.</p> <p>The program includes critiques and insights from industry professionals, including:</p> <ul style="list-style-type: none"> <li>• Miss Chanya Charung Chainanon (Brand Director)</li> <li>• Mr. Suparit Charung Chainanon (Managing Director)</li> <li>• Mr. Somchai Thanapolkiat (Interior Designer and D&amp;A Design Director).</li> </ul> <p>These experts serve as committee members to provide feedback and guide students' work, aiming to foster innovation and further the growth of the creative economy.</p> <p>SDG Goals:</p> <ul style="list-style-type: none"> <li>• SDG 8: Decent Work and Economic Growth – By engaging students in practical industry projects, this program encourages the development of skills and creativity, contributing to a vibrant creative economy and promoting job creation in the design industry.</li> <li>• SDG 9: Industry, Innovation, and Infrastructure – The program promotes innovation in the design sector and fosters collaboration between academia and industry to create sustainable business solutions in architecture and design.</li> <li>• SDG 11: Sustainable Cities and Communities – Focuses on sustainable design practices, ensuring that the furniture and</li> </ul>	<p>8, 9, 11, 12</p>	   

	<p>interior design solutions created are in line with the principles of sustainable cities and communities.</p> <ul style="list-style-type: none"> <li>• SDG 12: Responsible Consumption and Production – Encourages the creation of responsible and sustainable products, teaching students to consider environmental impact in their design process.</li> </ul> <p>Summary: The AAU Collaborate for Business Expansion x Lasanya initiative is a multi-disciplinary collaboration that merges academic learning with practical industry experience. It aims to empower students by integrating creative design with business practices, contributing to the development of the creative economy. By working alongside industry leaders, students gain valuable insight into real-world design challenges, with a focus on sustainable, responsible design practices. This program helps foster a culture of innovation while addressing global goals of sustainability, responsible production, and economic growth.</p>		
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Project	Detail	Related SDGs	Photo
<p>15. AAU Design Fun Workshop</p>	<p>Assumption University's Montfort del Rosario School of Architecture and Design, in collaboration with Nawaminthrachinuthit Satriwitthaya Phatthanakan School and Chaloem Phra Kiat Princess Sirindhorn's School, launched an innovative training program focused on architectural design. This initiative aims to enhance creative design skills among high school students and inspire the next generation of architects and designers.</p> <p>Program Leadership: The program is led by esteemed faculty from the School of Architecture and Design, including:</p> <ul style="list-style-type: none"> <li>• Ms. Orn-laor Homsettee</li> <li>• Mr. Prap Chaiwattana</li> </ul> <p>Additionally, faculty from Assumption University's Institute for Research and Academic Services (IRAS) contributed their expertise:</p> <ul style="list-style-type: none"> <li>• Mr. Kunchpisit Prasert</li> <li>• Ms. Jirawadee Pisalawachrin</li> <li>• Mr. Chirasak Sombat</li> </ul> <p>Together, they delivered a comprehensive curriculum designed to provide high school students with foundational knowledge in architectural design, equipping them with essential skills for their future educational and career pursuits.</p> <p>Objective: This program is aligned with Assumption University's commitment to fostering creativity and practical skills in architectural design. It serves as a platform for students to bridge academic knowledge with real-world applications, preparing them to tackle future challenges in the field of architecture. Through collaborative workshops and interactive learning experiences, students gain insight into the</p>	<p>4</p>	

	<p>architectural design process, encouraging innovation and critical thinking.</p> <p>SDG Goal:</p> <ul style="list-style-type: none"> <li>• SDG 4: Quality Education – This program directly contributes to SDG 4 by enhancing access to quality education in architectural design for high school students. It provides them with foundational knowledge and creative skills that will serve them in their academic and professional futures, helping to nurture the next generation of architects and designers.</li> </ul> <p>Summary: The AU Design Fun Workshop is a collaboration between Assumption University’s Montfort del Rosario School of Architecture and Design and high schools in the region, aimed at developing students’ skills in architectural design. By providing hands-on training and mentorship from university faculty, this program bridges the gap between theoretical knowledge and practical application. It underscores Assumption University’s ongoing commitment to educational excellence, community engagement, and fostering creativity and innovation among young learners.</p>		
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Project	Detail	Related SDGs	Photo
16. AAU Annual Charity	<p>The AAU Annual Charity event is a tradition of Montfort del Rosario School of Architecture and Design, where faculty members and students come together to give back to the community in honor of the school's anniversary. In 2024, the charity event took place at Wat Kalhong School, located in the Bangor District of Samutprakarn. The initiative reflects the university's commitment to social responsibility and community engagement, with the goal of fostering goodwill and unity within the educational environment and beyond.</p> <p>Objective: To commemorate the anniversary of the establishment of Montfort del Rosario School of Architecture and Design by engaging in charitable activities that benefit local communities. This event emphasizes the importance of fostering positive relationships and doing good for both the institution and its surrounding community.</p> <p>SDG Goals:</p> <ul style="list-style-type: none"> <li>• SDG 4: Quality Education – By supporting local schools and contributing to the education sector, the event promotes accessible and quality education for all.</li> <li>• SDG 5: Gender Equality – Encourages equal participation of all genders in charitable and community-driven activities.</li> <li>• SDG 9: Industry, Innovation, and Infrastructure – The initiative contributes to the development of social infrastructure by enhancing community support.</li> <li>• SDG 10: Reduced Inequalities – Aims to bridge gaps in educational opportunities and resources for communities in need.</li> <li>• SDG 11: Sustainable Cities and Communities – Supports sustainable community development through charity and social responsibility efforts.</li> </ul>	4, 5, 9, 10, 11	   

**Summary:**

The AAU Annual Charity event marks the anniversary of Montfort del Rosario School of Architecture and Design's founding, where members of the faculty and students unite for a meaningful cause. Held at Wat Kalhong School, this event serves as an opportunity for the school to contribute to the local community, embodying the spirit of giving and shared responsibility. The charity aligns with the university's long-standing tradition of making merit and creating positive impacts not only within the institution but also for the broader society. Through such initiatives, the university continues to exemplify its commitment to community engagement, educational values, and the spirit of social good.




**Venue:** Wat Kalhong School, Bangor District, Samutprakarn, Thailand

**Time Frame:** 18th January 2024

**Participants:**

- Asst. Prof. Suparath Valaisathien
- Asst. Prof. Prima Viriyavadhana
- A. Vatcharat Samakkamai
- A. Klairung Attanatho
- A. Satanan Chanowanna
- A. Chananya Apiwatphong
- A. Vilasinee Teparut
- A. Piyanat Dabbhasuta
- A. Prap Chaiwattana
- A. Nataporn Thipayavatna
- A. Dichala Pasanta
- And Students



Project	Detail	Related SDGs	Photo
17. 3D digital design workshop	<p>On March 26, 2024, the 3D Digital Design Workshop was held at Assumption University, organized by the Multidisciplinary Design Program, Faculty of Architecture and Design, and the Faculty of Arts, in collaboration with Digitech One Co., Ltd. and ARIT. Designed for high school students from Assumption College Sriracha.</p> <p>The 3D Digital Design Workshop was organized to provide high school students with an opportunity to develop their skills and knowledge in 3D digital design. The primary objective of the workshop was to foster design skills, enhance creative thinking, and equip students with foundational digital design techniques.</p> <p>Workshop Program:</p> <ul style="list-style-type: none"> <li>• Introduction to 3D Digital Design</li> <li>• Hands-on Training in 3D Design Software</li> <li>• Basic 3D Modeling Techniques</li> <li>• Tools and Techniques for 3D Design</li> <li>• Presentation and 3D Model Printing</li> </ul> <p>Expected Outcomes:</p> <p>The workshop aimed to enhance students' access to high-quality, hands-on learning experiences in digital design. By providing training in 3D design software, 3D modeling, and 3D printing, the workshop aimed to prepare students for future opportunities in design, technology, and innovation-driven industries.</p> <p>Beyond technical skills, the workshop emphasized collaborative learning, teamwork, and presentation skills, including in English, which helped students develop important communication and problem-solving abilities essential for the modern workforce. This program reflects Assumption University's commitment to promoting inclusive, equitable, and high-quality education by preparing students for success in academic and professional fields.</p> <p>SDG Goal:</p> <ul style="list-style-type: none"> <li>• SDG 4: Quality Education – The workshop aligns with SDG 4 by</li> </ul>	4	  






offering an opportunity for high school students to gain valuable, practical skills in digital design. This initiative enhances their education by providing exposure to innovative tools and concepts in the field of design, promoting creativity and critical thinking.

**Summary:**

The 3D Digital Design Workshop is part of Assumption University's ongoing efforts to provide students with practical, high-quality educational experiences. This initiative gave high school students from Assumption College Sriracha the chance to learn from industry experts and faculty members, offering them an introduction to the exciting world of digital design. Through hands-on experience with 3D design software and model printing, students were equipped with the skills and knowledge necessary to succeed in technology and design fields, while also enhancing their teamwork and communication abilities. The workshop demonstrates Assumption University's commitment to fostering inclusive, high-quality education and preparing students for future academic and career opportunities.





Project	Detail	Related SDGs	Photo
18. Paper Sculpture Workshop	<p>The Paper Sculpture Workshop: The Art of Light and Shadow is a hands-on learning experience designed to teach participants the delicate art of creating intricate paper sculptures, specifically floral designs, using only plain white paper. The workshop emphasizes the exploration of light and shadow, enabling participants to enhance the depth, texture, and dimension of their creations. By engaging in various paper manipulation techniques, including cutting, folding, bending, and curling, attendees will bring delicate, lifelike flowers to life.</p> <p>The workshop's focus on white paper allows participants to hone their understanding of form, structure, and composition without the influence of color. This foundational experience equips participants with the necessary skills and insights to advance to more complex paper sculpture projects in the future.</p> <p>Objective:</p> <ul style="list-style-type: none"> <li>• Develop an Understanding of Paper as a Medium: Teach participants the techniques of paper manipulation to create intricate, lifelike forms.</li> <li>• Enhance Artistic Perception: Encourage participants to understand how light and shadow create depth, contrast, and dimension in art.</li> <li>• Improve Handcrafting Skills: Foster precision, patience, and dexterity through detailed cutting and sculpting.</li> <li>• Encourage Creative Thinking: Inspire participants to consider more advanced paper sculpture techniques and projects.</li> <li>• Promote a Meditative and Therapeutic Experience: Provide participants with a mindful, engaging, and therapeutic artistic process.</li> </ul> <p>Target Audience:</p> <ul style="list-style-type: none"> <li>• Art and design students</li> </ul>	4	  

- Hobbyists and DIY craft enthusiasts
- Artists and sculptors exploring new techniques
- Anyone interested in developing patience, precision, and creativity through tactile mediums

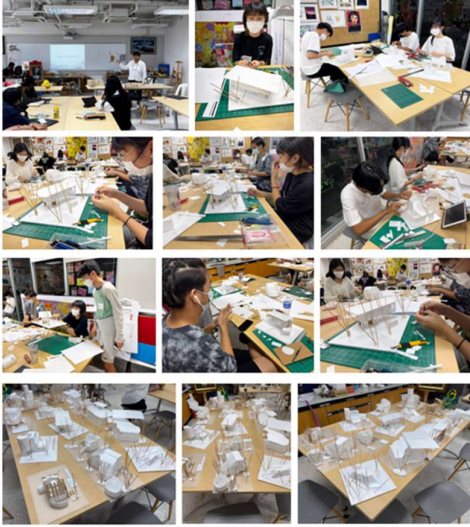
Expected Outcomes:

- A finished white paper flower sculpture created by each participant.
- A deeper understanding of the influence of light and shadow on art.
- Mastery of fundamental paper sculpting techniques.
- Increased inspiration and confidence to pursue advanced paper sculpture projects in the future.

SDG Goal:


- SDG 4: Quality Education – The workshop supports SDG 4 by providing an inclusive and quality educational experience for participants to develop technical skills in the art of paper sculpture, fostering creativity, craftsmanship, and critical thinking.



Project	Detail	Related SDGs	Photo
19. Design Practice Training	<p><b>Design Practice Training: "Taste of Design"</b>  The Faculty of Architecture and Design at Assumption University has organized the "Taste of Design" workshop, an academic service project for the community. This hands-on training aims to provide knowledge and insight into architecture and design education and careers. The target participants are Grade 8–10 students from schools across the country.</p> <p>This workshop is designed to offer students a practical design experience by working on real design tasks, allowing them to explore basic design concepts and problem-solving approaches. In addition to hands-on activities, the program includes an informative lecture on academic pathways and career opportunities in architecture and design. The total duration of the workshop is 4 hours.</p> <p><b>Objectives</b></p> <ul style="list-style-type: none"> <li>• Introduce Students to Architecture and Design Fields – Provide an overview of academic programs and career opportunities in architecture and design.</li> <li>• Develop Basic Design Skills – Teach fundamental design principles and encourage hands-on practice.</li> <li>• Encourage Career Awareness – Help students determine their interest in pursuing further studies in architecture and design.</li> <li>• Enhance Creativity and Critical Thinking – Foster problem-solving and innovative thinking through real-world design exercises.</li> <li>• Provide a Realistic Experience – Allow students to engage in a short yet immersive design process, helping them assess their passion for the field.</li> </ul> <p>Workshop Schedule (4 Hours)  13:00 - 13:30   Introduction &amp; Overview</p> <p>Lecture on architecture and design studies.  Discussion on academic programs and career paths.  13:30 - 13:45   Design Fundamentals &amp; Project Briefing</p>	4	

	<p>Explanation of essential design principles.  Presentation of the design task.  13:45 - 16:00   Hands-on Design Workshop</p> <p>Students work on their design projects based on the given task.  Guidance from instructors throughout the process.  16:00 - 16:30   Project Review &amp; Critique</p> <p>Evaluation and feedback on students' design work.  Discussion on design improvements and creative approaches.  16:30 - 17:00   Program Introduction &amp; Conclusion</p> <p>Overview of architecture and design programs at Assumption University.  Q&amp;A session and final remarks.</p> <p><b>Expected Outcomes</b>  Students gain a clearer understanding of architecture and design studies.  Participants develop basic design skills through hands-on experience.  Students discover their potential interest in pursuing a design-related career.  Increased awareness of academic and professional opportunities in the design field.</p> <p>Date: 20 January 2024  Venue: SATIT PIM Panyapiwat Institute of Management  Demonstration School</p>		
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Project	Detail	Related SDGs	Photo
<p>20. The Foundation for the Promotion of Supplementary Occupations and Related Techniques of Her Majesty Queen Sirikit, the Queen mother</p>	<p>Montfort del Rosario School of Architecture and Design, in collaboration with the Support Foundation of Her Majesty Queen Sirikit, The Queen Mother (Silpacheep), at Kaeng Som Maew, Ratchaburi Province, invited Dr. Krisaya Luengnantakul to conduct training on ceramic hand-building techniques for the villagers and local community.</p> <p>Objectives: To empower the villagers and community members of Kaeng Som Maew, Ratchaburi Province, through hands-on training in ceramic hand-building and stamp-making techniques. This program aims to preserve traditional craftsmanship, enhance creative skills, promote sustainable livelihoods, and encourage local economic development, while fostering cultural pride and self-reliance.</p> <p>Project Goals and SDGs Alignment:</p> <ul style="list-style-type: none"> <li>• SDG 1: No Poverty – By equipping the community with ceramic hand-building skills, the program helps create opportunities for income generation, reducing poverty in the area.</li> <li>• SDG 2: Zero Hunger – Promoting sustainable livelihoods through craft-based entrepreneurship improves household income, contributing to better food security and reducing hunger.</li> <li>• SDG 4: Quality Education – Providing practical, skill-based education fosters lifelong learning, helping the community improve creativity and self-development.</li> <li>• SDG 5: Gender Equality – Encouraging equal participation of both men and women, the program empowers women to become economically independent through craft-based enterprises.</li> <li>• SDG 8: Decent Work and Economic Growth – Supporting entrepreneurship and local businesses, this initiative contributes</li> </ul>	<p>1, 2, 4, 5, 8, 9, 10, 16, 17,</p>	

to sustainable economic growth through the development of ceramic products.

- SDG 9: Industry, Innovation, and Infrastructure – Integrating innovative techniques with traditional craftsmanship promotes sustainable industrial development and creative industries in rural communities.
- SDG 10: Reduced Inequalities – The program creates equal learning and economic opportunities, especially for marginalized groups, reducing social and economic disparities.
- SDG 16: Peace, Justice, and Strong Institutions – Strengthening community bonds through shared learning experiences promotes social cohesion, cultural appreciation, and peaceful development.
- SDG 17: Partnerships for the Goals – The collaboration with the Support Foundation of Her Majesty Queen Sirikit highlights the importance of partnerships among governmental, non-governmental, and community organizations to achieve sustainable development goals effectively.

#### Program Summary:

The two-day training session aimed at empowering the local community through ceramic hand-building and stamp-making techniques. The program was divided into two parts:

#### Day 1: Assessment, Guidance, and Lecture

- Ceramic Works Observation: The training began by assessing the villagers' current ceramic skills. Constructive feedback focused on refining craftsmanship, improving surface finishing, and achieving consistency in form and structure.
- Exploring Other Crafts: Participants also engaged in observing other traditional crafts, such as embroidery, weaving, and Lipa grass bag-making, to gain insights into the diverse artistic practices within the community.
- Lecture Session: A two-hour lecture was delivered, covering the fundamentals of hand-building ceramics, design principles (balance, proportion, and form), and the integration of cultural



identity into their craftwork. This knowledge aimed to add value and uniqueness to the products.

#### Day 2: Practical Demonstration and Hands-on Workshop

- **Demonstration of Techniques:** Dr. Krisaya demonstrated various ceramic hand-building techniques such as slab construction, coiling, and pinch pot methods. Additionally, stamp-making techniques were shown for creating custom decorative patterns on ceramics.
- **Workshop Session:** Participants spent the day practicing these techniques, applying new skills, exploring creative ideas, and receiving personalized feedback. They were encouraged to combine traditional methods with new ideas, refining their craft.
- **Creative Exploration and Feedback:** Throughout the workshop, individualized guidance was provided to help participants improve their work, address challenges such as cracking or uneven thickness, and refine design and technique.


#### Expected Outcomes:

- Empowerment of local villagers with valuable ceramic hand-building and stamp-making skills.
- Enhanced creativity and craftsmanship, leading to potential new economic opportunities and sustainable livelihoods.
- Strengthened sense of cultural identity through craft-based practices and innovation in product designs.
- Improved community collaboration and increased awareness of sustainable entrepreneurship and economic growth.

This initiative exemplified Assumption University's dedication to using education as a tool for social change, cultural preservation, and sustainable development.





Project	Detail	Related SDGs	Photo
<p>21. AAU Design Build 2023 (Building for community in Thailand)</p>	<p>AAU Design + Build was initiated by Montfort del Rosario School of Architecture and Design in 2014 as a platform for students to apply classroom knowledge and creativity to actual constructions for the development of communities and society.</p> <p>Objectives:</p> <p>The primary objective of the Mitr-Sala project is to enhance students' knowledge, creativity, and practical experience in design and construction through real-world projects. The initiative focuses on revitalizing the use of local materials, specifically bamboo, while incorporating modern construction techniques to create contemporary designs. By engaging in this hands-on project, students gain a comprehensive understanding of architecture and construction, while contributing positively to society and rural communities.</p> <p>Goals and SDGs Alignment:</p> <ul style="list-style-type: none"> <li>• SDG 4: Quality Education – Ensuring inclusive and equitable quality education through project-based learning that integrates practical knowledge and creative problem-solving for architecture students.</li> <li>• SDG 10: Reduced Inequalities – Addressing inequalities within and between communities by providing high-quality infrastructure and learning spaces in underfunded rural areas.</li> <li>• SDG 11: Sustainable Cities and Communities – Creating inclusive, safe, resilient, and sustainable communities by constructing eco-friendly buildings and engaging in community-based projects.</li> <li>• SDG 17: Partnerships for the Goals – Strengthening global partnerships by collaborating with local stakeholders, community leaders, the private sector, and educational institutions to implement sustainable development initiatives.</li> </ul> <p>Project Overview:</p> <p>AAU Design + Build is an initiative by the Montfort del Rosario School of Architecture and Design, established in 2014. This</p>	<p>4, 10,11, 17</p>	



program provides students with a unique opportunity to apply classroom knowledge to real-life construction projects aimed at developing and enhancing communities. The Mitr-Sala project, a bamboo sunshade and playground refurbishment, was built at Baan Nong Wua Dam School in Ratchaburi Province, Thailand, as a sustainable and community-driven effort.


**Expected Outcomes:**





- **Improved Educational Environment:** A functional and safe outdoor learning space that improves the quality of education at Baan Nong Wua Dam School.
- **Sustainable Practices in Architecture:** The project showcased the use of locally sourced bamboo as a sustainable material, promoting eco-friendly construction in rural areas.
- **Community Empowerment:** The involvement of local stakeholders in the design and construction process fostered a sense of ownership and pride within the community.
- **Student Learning:** Architecture students gained hands-on experience in designing, developing, and constructing a real-world project, while enhancing their understanding of architecture's social and cultural impact.

**Summary:**

The Mitr-Sala project at Baan Nong Wua Dam School is a prime example of how education can be applied to solve real-world problems. By utilizing bamboo as a sustainable material and incorporating community involvement, the project aligns with several Sustainable Development Goals (SDGs), including quality education, reducing inequalities, sustainable cities, and fostering partnerships. Through this initiative, Montfort del Rosario School of Architecture and Design continues to connect academic learning with community development, offering valuable opportunities for students to apply their skills while contributing to the well-being of rural communities.

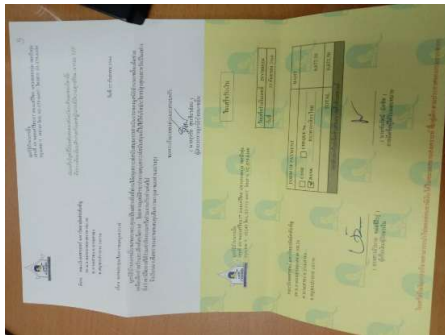




Project	Detail	Related SDGs	Photo
<p>22. Consultation and Assistance in Designing Publicity Boards and Public Services for Bang Sao Thong Police Station</p>	<p>On January 5, 2024, the Albert Laurence School of Communication Arts provided consultation and design assistance for public service announcement signs at the Bang Sao Thong District Police Station. This initiative aimed to enhance the clarity of the police station's service procedures for both Thai citizens and foreigners, thereby improving operational efficiency, reducing service times, and increasing user satisfaction. The collaboration aligns with the university's commitment to fostering meaningful, long-term partnerships that drive both local and global progress.</p> <p>Goals and SDGs Alignment:</p> <ul style="list-style-type: none"> <li>• SDG 10: Reduced Inequalities – The development of clear and user-friendly public communication materials that accommodate diverse user groups—especially foreigners or individuals with language barriers—helps reduce inequalities in access to public services, particularly among vulnerable populations and those who do not speak Thai as their first language.</li> <li>• SDG 16: Peace, Justice, and Strong Institutions – The design of clear and accessible public service signs enables both Thai citizens and foreigners to better understand the procedures at the police station. This contributes to reducing misunderstandings, enhancing transparency, and building trust in the justice process at the community level—thereby promoting effective, transparent, and accountable institutions.</li> <li>• SDG 17: Partnerships for the Goals – This project reflects a collaborative effort toward sustainable development between an academic institution (Assumption University) and a government agency (the police station).</li> </ul>	<p>10, 16, 17</p>	 <p>The photo section contains three images. The top image shows a group of people, including police officers and university staff, seated around a large wooden conference table in a meeting room, engaged in a discussion. The middle image is a closer view of the same group, with one person pointing at a document on the table. The bottom image shows two police officers in uniform standing next to a large display board that features the newly designed public service announcement signs, with two other men standing beside them in a hallway.</p>

Project	Detail	Related SDGs	Photo
23. Little Hands Can Help XII	<p>The "Little Hands Can Help" project is an ongoing initiative led by Public Relations (PR) students who aim to contribute to the achievement of Sustainable Development Goals (SDGs) 3, 4, and 6. By working on various community-driven projects, the students use their skills in communication, public engagement, and social responsibility to address pressing issues related to health, education, and water access, making a tangible difference in local communities while fostering youth empowerment.</p> <p>1. Promoting Health and Well-Being (SDG 3)</p> <p>Aligned with SDG 3: Good Health and Well-being, the "Little Hands Can Help" project tackles public health challenges.</p> <p>Through health education programs, the project helps to promote healthier lifestyles and increase access to critical health information. By engaging local communities, particularly young people, the project creates an environment where health education becomes an ongoing dialogue, fostering a more health-conscious society.</p> <p>2. Advancing Quality Education (SDG 4)</p> <p>The project also supports SDG 4: Quality Education, focusing on enhancing access to education and promoting lifelong learning opportunities for all.</p> <p>Through awareness campaigns, fundraising drives, and collaborative efforts with local schools, the "Little Hands Can Help" project focuses on supporting initiatives like school supply drives, scholarship programs, and educational workshops designed to engage and inspire the younger generation. By doing so, the project helps to empower individuals with the skills and knowledge needed for personal and professional success.</p>	3, 4, 6	   

	<p>3. Ensuring Clean Water and Sanitation (SDG 6)</p> <p>With access to clean water and sanitation being a critical challenge in many regions, the "Little Hands Can Help" project also contributes to SDG 6: Clean Water and Sanitation. PR students partner with organizations focused on providing clean drinking water, improving sanitation infrastructure, and raising awareness about water conservation practices.</p> <p>4. Fostering Youth Empowerment and Participation</p> <p>An essential aspect of the "Little Hands Can Help" project is its focus on youth empowerment. By involving students in real-world community projects that directly contribute to the achievement of SDGs 3, 4, and 6, the initiative fosters a sense of responsibility and social impact among young people. The project empowers students to be agents of change, developing their leadership, communication, and problem-solving skills, which are critical for their future success.</p> <p>Additionally, the project emphasizes the importance of SDG 17: Partnerships for the Goals, encouraging students to collaborate with local organizations, government agencies, and community groups. This collaborative approach amplifies the impact of each initiative, driving positive social change at the grassroots level.</p>		
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Project	Detail	Related SDGs	Photo
24. Donation to Yellow Canary Foundation	<p>The Student Committee is actively involved in a range of continuous projects designed to garner donations for the needy, working in partnership with various foundations to address critical issues such as poverty, hunger, health, education, and gender equality. Through these initiatives, the committee aligns its efforts with several key Sustainable Development Goals (SDGs), making a meaningful impact in local communities and beyond.</p> <p>1. Eradicating Poverty (SDG 1)</p> <p>The Student Committee's donation projects play a crucial role in supporting SDG 1: No Poverty, which seeks to end poverty in all its forms everywhere. Through fundraising campaigns, supply drives, and community outreach efforts, students mobilize resources to assist families and individuals living in poverty. These donations often include food, clothing, school supplies, and other essential goods to help improve the daily lives of those in need.</p> <p>In addition to material support, the committee collaborates with local foundations to provide financial aid to underprivileged families, helping them access essential services and break the cycle of poverty.</p> <p>2. Ending Hunger (SDG 2)</p> <p>Aligned with SDG 2: Zero Hunger, the Student Committee also focuses on addressing hunger and malnutrition, particularly in underserved communities. One of the primary objectives is to provide nutritious meals and food assistance to those who are food insecure, especially vulnerable groups such as children, the elderly, and low-income families.</p> <p>Through regular food drives and collaborations with local food banks, the students ensure that surplus food reaches those who need it most. Additionally, by raising awareness about sustainable agricultural practices and food security, these projects help promote long-term solutions to hunger and malnutrition.</p> <p>3. Promoting Health and Well-Being (SDG 3)</p> <p>In alignment with SDG 3: Good Health and Well-being, the Student Committee focuses on supporting initiatives that improve public</p>	1, 2, 3, 5	  

health outcomes. Donations often include medical supplies, hygiene kits, and support for healthcare facilities, especially in areas lacking adequate healthcare infrastructure.

The committee also partners with health organizations to raise awareness about critical health issues, such as mental health, maternal care, and preventive healthcare, ensuring that vulnerable populations receive the information and resources they need to stay healthy. Through these initiatives, the committee works to reduce health disparities and ensure that no one is left behind.

#### 4. Ensuring Quality Education (SDG 4)

The Student Committee is deeply committed to supporting SDG 4: Quality Education by providing educational resources and opportunities for children and young adults in need. Donations often include books, stationery, uniforms, and scholarships, helping students from disadvantaged backgrounds access quality education.



The committee also organizes tutoring programs and career counseling sessions to support the academic and professional development of underprivileged students. By ensuring access to education, these projects contribute to breaking the cycle of poverty and empowering future generations to build better lives for themselves.

#### 5. Achieving Gender Equality (SDG 5)

SDG 5: Gender Equality is another core focus of the Student Committee's donation projects. The committee works with foundations that support gender-based initiatives, ensuring equal access to resources and opportunities for all individuals, regardless of gender. This includes providing support for women and girls in need, addressing gender-based violence, and promoting women's empowerment in education and the workplace.

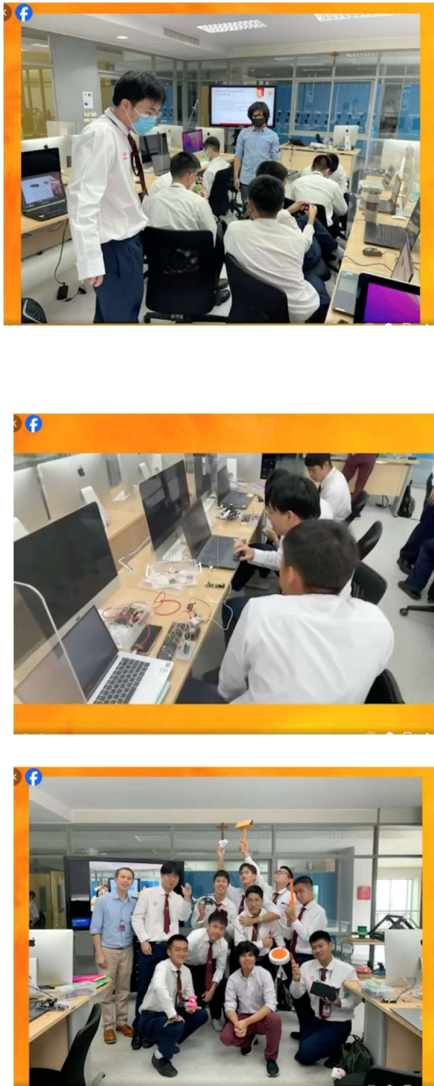
Through awareness campaigns, fundraising for women's shelters, and partnerships with gender equality organizations, the committee helps promote social and economic equality for women and girls, fostering an environment where everyone has the opportunity to thrive.




Project	Detail	Related SDGs	Photo
25. Collaboration with External School for Promoting of VME	<p>In a bid to bridge the gap between education and real-world engineering skills, the Vincent Mary School of Engineering has introduced a specialized engineering class for M.4 to M.6 students at Saint Joseph Thiphawan School. This innovative program combines lectures and hands-on workshops, offering students a deeper understanding of engineering principles and practices.</p> <p>By participating in this course, students gain academic credit while acquiring valuable experience in the engineering field, enabling them to make informed decisions about their future educational paths. This initiative provides an opportunity to explore diverse engineering disciplines, inspiring the next generation to pursue careers in science, technology, and innovation.</p> <p>The program contributes directly to several of the United Nations' Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 4: Quality Education – By offering access to high-quality engineering education, the program equips students with the knowledge and skills necessary to prepare for their future careers.</li> <li>• SDG 7: Affordable and Clean Energy – The curriculum includes a focus on energy-efficient technologies, aligning with the school's EV (Electric Vehicle) program, and providing students with insight into sustainable energy solutions for the future.</li> <li>• SDG 10: Reduced Inequalities – The program fosters inclusivity, ensuring all students, regardless of background, have the opportunity to explore engineering and its potential to drive societal change.</li> <li>• SDG 11: Sustainable Cities and Communities – The workshops emphasize the role of engineers in shaping sustainable urban environments, from green building practices to eco-friendly infrastructure, especially relevant to the school's proximity to industrial areas.</li> </ul>	4, 7, 10, 11, 13	 




	<ul style="list-style-type: none"> <li>• SDG 13: Climate Action – Students are introduced to engineering solutions designed to mitigate climate change, such as renewable energy technologies and environmentally sustainable practices.</li> </ul> <p>Through this collaboration, Vincent Mary School of Engineering and Saint Joseph Thiphawan School are not only transforming education but also empowering students to make a lasting positive impact on society and the environment</p>		
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Project	Detail	Related SDGs	Photo
<p>26. Collaboration with External School for Promoting of VME – ACEP</p>	<p>In a bid to bridge the gap between education and real-world engineering skills, the Vincent Mary School of Engineering has introduced a specialized engineering class for students at Assumption College English Program School. This innovative program combines lectures and hands-on workshops, offering students a deeper understanding of engineering principles and practices.</p> <p>By participating in this course, students gain academic credit while acquiring valuable experience in the engineering field, enabling them to make informed decisions about their future educational paths. This initiative provides an opportunity to explore diverse engineering disciplines, inspiring the next generation to pursue careers in science, technology, and innovation.</p> <p>The program contributes directly to several of the United Nations' Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 4: Quality Education – By offering access to high-quality engineering education, the program equips students with the knowledge and skills necessary to prepare for their future careers.</li> <li>• SDG 7: Affordable and Clean Energy – The curriculum includes a focus on energy-efficient technologies, aligning with the school's EV (Electric Vehicle) program, and providing students with insight into sustainable energy solutions for the future.</li> <li>• SDG 10: Reduced Inequalities – The program fosters inclusivity, ensuring all students, regardless of background, have the opportunity to explore engineering and its potential to drive societal change.</li> <li>• SDG 11: Sustainable Cities and Communities – The workshops emphasize the role of engineers in shaping sustainable urban environments, from green building practices to eco-friendly infrastructure, especially relevant to the school's proximity to industrial areas.</li> <li>• SDG 13: Climate Action – Students are introduced to engineering solutions designed to mitigate climate change, such as renewable energy technologies and environmentally sustainable practices.</li> </ul>	<p>4, 7, 10, 11, 13</p>	



Project	Detail	Related SDGs	Photo
27. Training on Solar Cell Technology and Energy Saving for Teachers and Students at Ban Rakat Community School	<p>On January 19th, 2024, lecturers and students from the Vincent Mary School of Engineering, in collaboration with IRAS, visited Ban Bang Rakat School in Bang Bao, Samutprakarn as part of the academic service projects. The purpose of the visit was to engage and educate both students and teachers at the school on the importance of solar-cell technology. The session was designed to provide hands-on experience with an actual solar-cell system, allowing participants to gain practical knowledge about renewable energy solutions.</p> <p>During the event, the students and teachers had the opportunity to learn about solar energy, its applications, and how it can be used to promote sustainability in their communities. This collaboration not only introduced the concepts of clean energy but also aimed to inspire the next generation to consider the role of renewable energy in their future careers and communities.</p> <p>The initiative directly supports several Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 4: Quality Education – By providing hands-on learning experiences in solar technology, the program enhances educational opportunities in science and engineering for students and teachers alike.</li> <li>• SDG 7: Affordable and Clean Energy – The focus on solar-cell systems aligns with the global need for affordable, reliable, and clean energy solutions, helping to raise awareness of sustainable energy alternatives. This is in line with the knowledge that students can gain from the expertise of faculty members.</li> <li>• SDG 10: Reduced Inequalities – This initiative ensures that students from all backgrounds, including those in rural or underprivileged areas, are exposed to the benefits of solar energy and sustainable technologies. The technology is critical for bringing energy to more homes and businesses in need.</li> </ul>	4, 7, 10, 11, 12, 13	

	<ul style="list-style-type: none"> <li>• SDG 11: Sustainable Cities and Communities – Educating students about solar power encourages the development of sustainable practices in communities, helping to build environmentally-friendly urban and rural environments.</li> <li>• SDG 12: Responsible Consumption and Production – By promoting solar energy, the program fosters the responsible use of resources and the importance of sustainable production methods in the face of global energy challenges. It highlights the importance of alternative energy.</li> <li>• SDG 13: Climate Action – Through hands-on experience with solar technology, students gain valuable insights into how renewable energy solutions can contribute to mitigating climate change.</li> <li>• SDG 16: Peace, Justice, and Strong Institutions – This initiative fosters a sense of civic responsibility and collective action, encouraging students and teachers to take part in efforts for sustainable development and equitable access to clean energy.</li> </ul> <p>This visit is a step forward in empowering future leaders with the knowledge and skills needed to address the world’s most pressing environmental challenges. The collaboration between the Vincent Mary School of Engineering, IRAS, and Ban Bang Rakat School exemplifies a shared commitment to education, sustainability, and innovation for a better future.</p>		
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Project	Detail	Related SDGs	Photo
<p>28. LINE Chatbot for WSTN (Developed a LINE Chatbot for Wat Sao Thong Nok School)</p>	<p>On November 28, 2023, the Vincent Mary School of Science and Technology provided consultation and assistance to the teachers of Wat Sao Thong Nok School in the development of an innovative LINE chatbot application designed for incident reporting. This application aims to help the school quickly identify and respond to incidents, reduce risks and severity, and leverage the collected data to plan and implement policies that enhance school safety moving forward.</p> <p>The LINE chatbot simplifies the process for teachers to report incidents, ensuring a prompt response from the administration. By tracking and analyzing incidents over time, the school can gain valuable insights into potential safety concerns and take proactive measures to address them.</p> <p>This initiative directly contributes to several Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>• SDG 3: Good Health and Well-Being – By improving incident reporting and response times, the application contributes to creating a safer and healthier school environment for both students and staff.</li> <li>• SDG 4: Quality Education – The chatbot provides teachers with a tool that helps them focus on delivering quality education by ensuring that school safety concerns are quickly addressed and managed.</li> <li>• SDG 9: Industry, Innovation, and Infrastructure – The development of the chatbot is an example of leveraging technology and innovation to enhance the safety infrastructure of educational institutions.</li> <li>• SDG 16: Peace, Justice, and Strong Institutions – The application fosters transparency and accountability within the</li> </ul>	<p>3, 4, 9, 16</p>	  



	<p>school, promoting peace and safety for all members of the school community.</p> <p>This collaboration between Vincent Mary School of Science and Technology and Wat Sao Thong Nok School exemplifies the power of technology in improving safety standards, ensuring that schools can provide a secure environment conducive to learning and development.</p>		
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Project	Detail	Related SDGs	Photo
29. See by Ears, Hear by Heart II: Empowering Visually Impaired Musicians through Music Entrepreneurship	<p>On September 7, 2023, the "Hearing with Ears, Knowing with Heart" project, organized by the Louis Nobiron School of Music at Assumption University, took place at Samyan Mitrtown. This initiative aimed to support visually impaired musicians by equipping them with the necessary skills to become successful Music Entrepreneurs. The program empowered participants to create, produce, and distribute their music through digital platforms, enabling them to generate sustainable income while promoting social inclusivity.</p> <p>The event featured a charity concert, hands-on workshops, and fundraising efforts, all designed to showcase the talents of visually impaired musicians and raise public awareness of their potential. The project was key in reducing social inequality, highlighting that people with disabilities are just as capable of being artists as anyone else.</p> <p>This initiative contributes to two important Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li>SDG 5: Gender Equality – While not explicitly gender-focused, the project provided equal opportunities for all musicians, regardless of gender, encouraging inclusivity and empowering visually impaired individuals, especially women, to pursue careers in music and entrepreneurship.</li> </ul>	5, 10	 

- SDG 10: Reduced Inequalities – By providing a platform for visually impaired musicians, the initiative worked to reduce social and economic inequalities, ensuring that people with disabilities had the tools and opportunities to participate fully in the creative economy and society. This enables them to bring out their potential and become confident members of society.

In addition to its social impact, the project fostered economic sustainability by helping musicians tap into digital platforms for income generation and visibility. The inclusion of digital marketing and online content distribution workshops equipped the musicians with essential skills to reach a wider audience.

The initiative also emphasized environmental sustainability by promoting eco-friendly practices and minimizing resource consumption in the production and distribution of music. By integrating social, economic, and environmental aspects, the project serves as a model for addressing global challenges with long-term sustainability and inclusivity in mind.



Project	Detail	Related SDGs	Photo
30. The Annual Voluntary Camp by Rotaract Club	<p>Making mobiles with the children at Wat Phuttha Udom Wihan School, Chachoengsao. Recreation among participants and elderlies, learning to make Roti with the elderlies, cleaning the toilets at Darul Khiret Mosque and learning to plant seedlings, visiting the rice mill and getting to know the OTOP products at Mon Thong Subdistrict Community State Enterprise, Chachoengsao. Making sandwiches and preparing survival bags and giving the sandwiches and survival bags to the homeless people at Dong Tan Community, Chachoengsao.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 1: No Poverty Preparing and distributing survival bags to the homeless helps alleviate poverty among vulnerable groups.</p> <p>SDG 2: Zero Hunger Making and giving out sandwiches to people in need supports access to sufficient and nutritious food.</p> <p>SDG 3: Good Health and Well-being Engaging in recreational activities with children and the elderly, as well as cleaning toilets at the mosque, contributes to both physical and mental well-being in the community.</p> <p>SDG 4: Quality Education Teaching children and elderly participants how to make mobiles fosters informal learning and life skills development.</p> <p>SDG 10: Reduced Inequalities Interacting with vulnerable populations—such as the elderly, children, and homeless individuals—promotes social inclusion and helps reduce inequality.</p>	1, 2, 3, 4, 10, 11, 12, 17	  

**SDG 11: Sustainable Cities and Communities**

Collaborating with local schools, temples, mosques, and community enterprises strengthens community engagement and fosters inclusive, resilient communities.

**SDG 12: Responsible Consumption and Production**



Learning about rice milling and local OTOP products supports sustainable production and consumption practices.



**SDG 17: Partnerships for the Goals**


Working alongside local communities, religious organizations, and educational institutions reflects strong partnerships toward achieving sustainable development goals.









Project	Detail	Related SDGs	Photo
31. AR Induction camp 2023 by Architecture and Design Student Council	<p>Joining community service at Teacher Boonchoo Home for Special Children, Sattahip, Chon Buri – by teach the students, color and decorate the space and donate foods, snacks and water which encourage the freshmen to involve in society and bring close relationship with their friends.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 3: Good Health and Well-being Supporting the well-being of children with special needs through meaningful interaction, creative activities, and a positive environment contributes to their mental and emotional health.</p> <p>SDG 4: Quality Education Teaching and engaging in learning activities with children promotes inclusive and equitable quality education, especially for students with special needs.</p> <p>SDG 10: Reduced Inequalities Involving students in community service at a home for special children promotes social inclusion and raises awareness of the challenges faced by marginalized groups.</p> <p>SDG 11: Sustainable Cities and Communities Encouraging students to engage with and contribute to their local community helps build inclusive and cohesive communities.</p> <p>SDG 12: Responsible Consumption and Production Donating appropriate items like food, snacks, and water reflects a mindful approach to meeting community needs sustainably.</p> <p>SDG 17: Partnerships for the Goals The collaboration between the university, student council, and Teacher Boonchoo Home exemplifies partnership in action for sustainable development.</p>	3, 4, 10, 11, 12, 17	 


Project	Detail	Related SDGs	Photo
32. 7th Volunteer Induction Camp by Rotaract Club	<p>Providing AU students with experiential learning through social service activity; lacquer paint and scrub the moss at Taladklongsuan School, Bangbo, Samut Prakan.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 4: Quality Education Enhancing the school environment contributes to creating a safe and stimulating learning space, which supports inclusive and quality education for students.</p> <p>SDG 11: Sustainable Cities and Communities Engaging university students in improving local infrastructure promotes sustainable and resilient community development.</p> <p>SDG 3: Good Health and Well-being Cleaning and maintaining school facilities helps prevent accidents and reduces health risks for students and staff.</p> <p>SDG 13: Climate Action (<i>indirectly</i>) Promoting awareness among students of their environmental impact through maintenance activities may encourage more sustainable habits and environmental consciousness.</p>	3, 4, 11,13	 

Project	Detail	Related SDGs	Photo
<p>33. CSR for Home school by Assumption University Organization (AUSO)</p>	<p>Sending clothes, study equipment, and personal items to Home School students in Samoeng, Chiang Mai.</p> <p>This initiative aimed to support underprivileged students in remote areas by providing basic necessities and educational supplies, helping to improve their quality of life and learning environment.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 1: No Poverty Reducing hardship by offering essential personal items to children in need.</p> <p>SDG 4: Quality Education Enhancing educational opportunities through the donation of study materials.</p> <p>SDG 10: Reduced Inequalities Supporting students in remote and marginalized communities to reduce disparities.</p>	<p>1, 4, 10</p>	

Project	Detail	Related SDGs	Photo
34. CSR for Pattaya Orphanage by Assumption University Organization (AUSO)	<p>Raising funds through an annual event and donating personal items, household products, and food ingredients to Pattaya Orphanage, Pattaya, Chonburi.</p> <p>This activity reflects the students' commitment to community service by organizing a fundraising initiative and delivering essential goods to support the well-being of orphans.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 1: No Poverty Providing basic needs to improve the quality of life for underprivileged children.</p> <p>SDG 2: Zero Hunger Donating food ingredients helps address food insecurity among children.</p> <p>SDG 10: Reduced Inequalities Supporting vulnerable groups and promoting social inclusion.</p> <p>SDG 12: Responsible Consumption and Production Encouraging mindful use and redistribution of resources.</p>	1, 2, 10, 12	 



Project	Detail	Related SDGs	Photo
35. CSR for Children's Day @ Marialai Ladkrabang by Assumption University Organization (AUSO)	<p>Supporting prizes for organizing Children's Day activities at Marialai Ladkrabang, Bangkok.</p> <p>This initiative aims to bring joy, motivation, and a sense of inclusion to children in the local community by contributing prizes for Children's Day celebrations, fostering child development and community engagement.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 3: Good Health and Well-being Promoting mental and emotional well-being through recreational and inclusive community activities.</p> <p>SDG 4: Quality Education Encouraging learning through fun and engaging activities that support informal education.</p> <p>SDG 10: Reduced Inequalities Ensuring that children from diverse backgrounds have access to joyful experiences and equal opportunities.</p>	3, 4, 10	 

Project	Detail	Related SDGs	Photo
<p>36. CSR for Children's Day @ Thammanuraks Community by Assumption University Organization (AUSO)</p>	<p>Supporting prizes for organizing Children's Day activities for Thammanuraks Community, Bangkok.</p> <p>This community outreach aimed to provide joy and inclusive participation opportunities for children by donating prizes for Children's Day celebrations. The activity fosters positive child development and strengthens ties between the university and local communities.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 3: Good Health and Well-being Encouraging emotional well-being and happiness among children through inclusive, recreational events.</p> <p>SDG 4: Quality Education Promoting the value of learning through play and social engagement during Children's Day.</p> <p>SDG 10: Reduced Inequalities Supporting equal access to enriching experiences for children in underserved communities.</p>	<p>3, 4, 10</p>	

Project	Detail	Related SDGs	Photo
37. CSR for Children's Day @ Bangbo Subdistrict Administrative Organization by Assumption University Organization (AUSO)	<p>Supporting prizes for organizing Children's Day activities at Bangbo Subdistrict Administrative Organization, Samut Prakan.</p> <p>This initiative aimed to create joyful and inclusive experiences for children in the Bangbo community by providing prizes for Children's Day celebrations. It reflected the university's commitment to community engagement and child well-being.</p> <p>Relevant Sustainable Development Goals (SDGs):</p> <p>SDG 3: Good Health and Well-being Promoting mental and emotional well-being through recreational and social activities for children.</p> <p>SDG 4: Quality Education Encouraging informal learning and development through interactive celebrations.</p> <p>SDG 10: Reduced Inequalities Helping ensure that children from all backgrounds have access to meaningful and joyful experiences.</p>	3, 4, 10	