

**4** **QUALITY  
EDUCATION**



**SDG 4 QUALITY EDUCATION**



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

Muban Chombueng Rajabhat University is an academic institution with diverse academic fields and is focused on local development. The university carries out various projects to ensure that everyone has access to quality education that is inclusive and equitable, and to support opportunities for lifelong learning.

## 1. International Muay Thai and Traditional Thai Medicine Seminar Project

Thai Boxing and Traditional Thai Medicine College Project:  
Promoting Muay Thai and Thai Wisdom to the International Stage

This project aims to promote Muay Thai and Thai traditional knowledge internationally while developing and updating educational curricula to better meet the needs of students. The focus is on sharing the rich heritage of Muay Thai and Thai wisdom through structured learning, ensuring that students pursuing higher education in pharmacy and boxing camps are equipped with up-to-date skills and knowledge.





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## 2. Thai Boxing and Traditional Thai Medicine College Project: Developing an Effective Primary School Muay Thai Curriculum

This project aims to develop an enhanced Muay Thai curriculum for primary schools, ensuring that it meets educational standards and effectively promotes Muay Thai as part of the Thai cultural education. In collaboration with educational supervisors from the Kanchanaburi Primary Education Area 1 and Ratchaburi Primary Education Area 1, the project will work alongside primary school teachers to integrate Muay Thai into school programs while fostering discipline, physical fitness, and cultural pride in young students.





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### 3. Project to Enhance the Quality of Learning in Computational Thinking for Teachers and Students in Basic Education

The Faculty of Science and Technology has organized this project to promote and support the teaching of Computational Thinking in primary and secondary schools, particularly in small schools within the Ratchaburi Primary Education Area 1. The aim is to enable teachers and students to effectively integrate computational thinking into their learning and teaching practices, applying these skills to enhance the quality of education in small-scale schools.

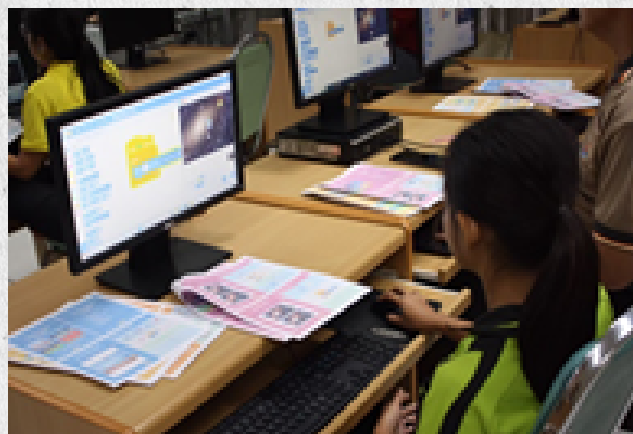
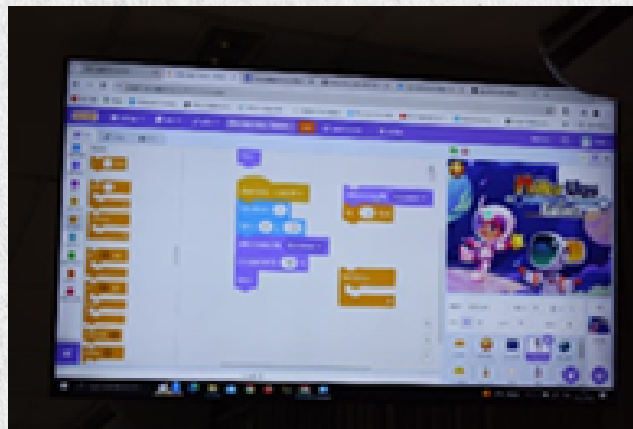




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#### 4. Project to Promote Game-Based Learning in Education

The Faculty of Science and Technology has developed this project to enhance teacher competencies using Scratch programming to integrate game-based learning into the classroom, aiming to improve the overall quality of education. By utilizing computer-based educational games, this initiative will help teachers develop teaching materials that incorporate interactive and engaging games. The project will create five educational games, which include: the Solar System Game, Virus Shooter Game, Counting Game, Healthy Eating Game, and Flowchart Game. These games are designed to be applicable in teaching, particularly in small schools under the Office of the Basic Education Commission (OBEC), Royal Thai Police Schools (RTPS), and Educational Fund Schools within the service area.





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## 5. Project to Promote the Quality of Education in Science, Mathematics, and Technology in Small Schools in Ratchaburi Province

The Faculty of Science and Technology has developed this project to enhance the quality of education in Science, Mathematics, and Technology for small schools in Ratchaburi Province. The goal is to improve teaching and learning capabilities by adopting active learning strategies that engage students more effectively. This project is aimed at small schools under the Office of the Basic Education Commission (OBEC), Royal Thai Police Schools (RTPS), and Educational Fund Schools within the service area, empowering teachers to integrate active learning methods to enhance student participation and understanding.

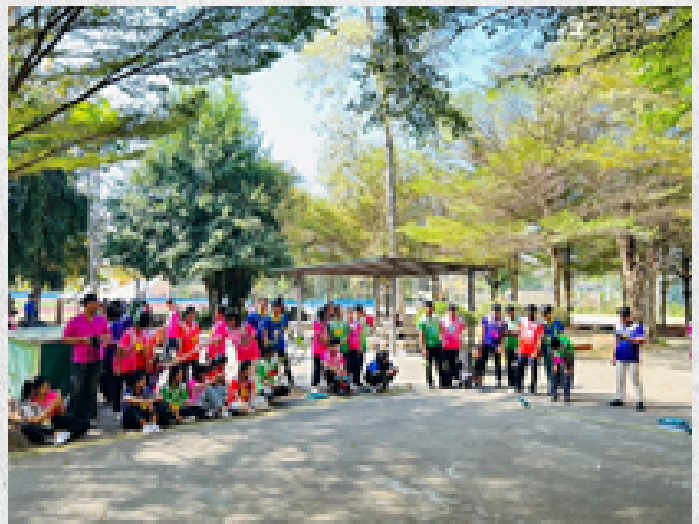




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## 6. Strong Science Teacher Competency Development Project

The Faculty of Science and Technology has designed this project to develop the competencies of Strong Science Teachers, ensuring that they can effectively serve as mentors in organizing STEM camps. This initiative aims to build expertise and skills in STEM (Science, Technology, Engineering, and Mathematics) education, enabling teachers to demonstrate the key competencies required to be effective educators. The project is targeted at teacher education students from Rajabhat University, Muang Chom Bung Campus, who will be trained to organize and lead STEM camps for the future generation of students.





## 7. Project to Develop the Potential of Visual Arts Learning in Small Network Schools

The Faculty of Humanities and Social Sciences is implementing this project to enhance the potential of visual arts learning for teachers and students in small network schools. The goal is to empower teachers to integrate visual arts into their teaching practices, using it to create interdisciplinary learning experiences that enhance students' overall learning and foster a joyful learning environment. This project is aimed at teachers and students in small schools and special education schools under the jurisdiction of Ratchaburi Primary Education Service Area 1.







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## 8. Digital Literacy Project: The Intellectual Weapon for Children and Youth in Ratchaburi – Phase 2

The Faculty of Humanities and Social Sciences is organizing the second phase of this project to develop and promote digital literacy among students, teachers, and education personnel in Ratchaburi Province. The project focuses on enhancing knowledge, understanding, and skills related to digital literacy, while also raising awareness about the risks of online threats and cyber violations. This initiative will help equip individuals with the tools to navigate the digital world responsibly, understand the dangers of online interactions, and ensure that students can use digital technologies safely and effectively.





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## 9. Project to Enhance English Language Teaching Through English Camps for Teachers in Primary Education Area 1

The Faculty of Humanities and Social Sciences is organizing this project to develop the potential of teachers in Primary Education Area 1 by providing training in organizing English language camps. The project aims to equip teachers with the knowledge and skills to organize effective and engaging English language activities that are contextually appropriate for their own schools, particularly those in small rural communities.





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## 11. The Project for Developing Learning and Fundamental Skills in Engineering Technology and Health Sciences

The Faculty of Industrial Technology organizes a project to transfer knowledge and fundamental skills in engineering, technology, and health sciences to in-service teachers, students, and educational personnel from small schools under the Office of the Basic Education Commission (OBEC) in Ratchaburi Province. The project is implemented through the following activities:

**Activity 1:** Development of Learning and Fundamental Skills in Occupational Health (Occ-Camp)





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### Activity 2: Development of Learning and Fundamental Skills in Civil and Architectural Engineering (C&A Camp @ Chombueng)



### Activity 3: Development of Learning in Robotics Science



### Activity 4: Development of Learning and Fundamental Skills in Digital Media Technology (Digital Media Camp)





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### Activity 2: Development of Learning and Fundamental Skills in Civil and Architectural Engineering (C&A Camp @ Chombueng)



### Activity 3: Development of Learning in Robotics Science



### Activity 4: Development of Learning and Fundamental Skills in Digital Media Technology (Digital Media Camp)





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## 11. The Model Digital Community Project to Support the 21st Century Society

The Faculty of Industrial Technology organizes a project to create a model community for digital technology, where people of all ages in the community have the ability to access, understand, and utilize digital technology for improving their quality of life in terms of economics, society, environment, and education. The project aims to raise awareness about both the positive and negative impacts of digital technology, promote digital media literacy, and ensure the protection of personal data. This project is targeted at individuals of all ages in the community of Berkprai Subdistrict, Chom Bueng District, Ratchaburi Province.





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## 12. The Workshop on Research Methodology for Educational Administrators

The Faculty of Education organizes a project to transfer knowledge and understanding of research methodology for educational administrators, enabling them to conduct research and develop competencies according to the MCRU Model (PTRU Model). The project is targeted at school administrators from schools within the professional development network and service areas of the university.





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#### 14. The Workshop on Research Methodology for Educational Administrators

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### 13. The Project to Enhance Learning in Reading, Writing, and Analytical Skills of Students in Small Schools at the Basic Education Level

The Faculty of Education organizes a project to develop teachers and enhance educational management to promote reading, writing, and analytical skills among students. This project also supports the provision of teaching materials for small schools at the early childhood and primary education levels (grades 1-3) in Ratchaburi Province.





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#### 14. The Project to Develop the Potential of Early Childhood Educators in Enhancing Brain Development for Successful Life Management (Executive Function) in Early Childhood Children

The Faculty of Education organizes a project to develop the potential of early childhood educators in enhancing brain development for successful life management (Executive Function) in early childhood children. This project is aimed at early childhood teachers under the Office of the Basic Education Commission in Ratchaburi Province.





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## 15. The Project to Enhance the Quality of Education in Small Schools Using the Multi-grade Learning Management Model

The Faculty of Education organizes a project to develop multi-grade learning management and enhance the quality of education by using the multi-grade learning management model for small schools in Ratchaburi Province.





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## 16. The Project to Enhance Network Schools for the Development of Libraries and the Creation of Digital Learning Materials

The Office of Library and Information Technology organizes a project for the development of libraries and the creation of digital learning materials. The training workshops cover the following topics:

1. Using the Automated Library System (OBEC) for managing school libraries.
2. Using the (Canvas) program for creating digital learning materials.
3. This project is aimed at network schools.





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## 17. The Project for Developing eDLTV Video Media to Support Active Learning Management

The Office of Library and Information Technology organizes a project to develop eDLTV video media to be used as teaching materials in distance education systems, aimed at addressing the shortage of teachers. The project focuses on implementing Active Learning methods and is designed for teachers in small schools.





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## 18. The Project to Develop English Language Skills for Public Sector Personnel

The Language and International Relations Center organizes a project to develop English language skills for public sector personnel, enabling them to apply these skills in daily life and their professional careers. The program focuses on listening, speaking, reading, and writing skills.



## 19. The Project to Develop English Language Skills for the Public, Students, and Personnel





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## 20. The Project on Knowledge Management and Enhancement of Cultural Capital and Local Wisdom to Promote Community Economy

**Activity 1:** Development of local bamboo shoots into community-identity products for the Ban Takoh Lang community, Suan Phueng Subdistrict, Suan Phueng District, Ratchaburi Province. This activity has resulted in unique community products such as acid-adjusted bamboo shoots, fermented bamboo shoots with soybean paste, bamboo shoot kimchi, pickled bamboo shoots, and shredded bamboo shoots.

**Activity 2:** Development of food menus using processed bamboo shoots for the Ban Takoh Lang community, Suan Phueng Subdistrict, Suan Phueng District, Ratchaburi Province. This activity has resulted in community products such as bamboo shoot curry puffs and steamed buns with bamboo shoot and minced pork filling.

