

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



**SDG 12 RESPONSIBLE CONSUMPTION
AND PRODUCTION**



Ensure sustainable consumption and production patterns

Muban Chombueng Rajabhat University is advancing SDG 12: Responsible Consumption and Production by implementing policies on waste management, reducing plastic use, and minimizing the use of disposable items. Additionally, the university promotes ethical management of food and goods through the following initiatives:

1. Enhancing Standards for Agricultural Product Testing Services and Sustainable Agricultural Resource Management

To improve the quality and reliability of agricultural product testing services while promoting sustainable agricultural resource management practices, ensuring long-term productivity and environmental balance





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2. The seminar project titled "Preparation for Certification of Product and Agricultural Standards"

The seminar project titled "Preparation for Certification of Product and Agricultural Standards" aims to provide knowledge and understanding to entrepreneurs, farmers, or individuals involved in the agricultural industry about the process of obtaining certification for agricultural products and related standards





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3. The Community Innovation Enhancement Project for Wat Pracharat Sangsuk through the Social Engineer Process: Phase 1

The Faculty of Industrial Technology organized a project aimed at equipping students with essential 21st-century skills and attributes as social engineers, addressing the role of local development. The project focuses on fostering skills necessary for future living and working through the following activities:

1. Developing textiles that reflect the unique identity of the Chom Bueng community.
2. Managing community waste effectively.
3. Converting plastic waste into pyrolysis oil.
4. Designing eco-architectural plans for a learning center focused on plastic waste-to-oil conversion to promote tourism.
5. Planting Nine-Star Bamboo, recognized as the world's strongest bamboo, which can replace concrete pillars and serve as a carbon credit storage mechanism.





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4. Pilot Project on Managing and Creating Value from Recycled Plastic Waste into Energy through the Pyrolysis Process

The Faculty of Industrial Technology organized a workshop to experiment with converting plastic waste into oil using the pyrolysis process and to develop a plastic waste management plan within the university. The workshop was conducted for students of Muban Chombueng Rajabhat University.





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5. Waste Management Workshop: Building a Biomass Waste Incinerator

Training for Personnel in Physical Development and Safety Office: Understanding Waste Reduction, Separation, and Biomass Incinerator Construction

