



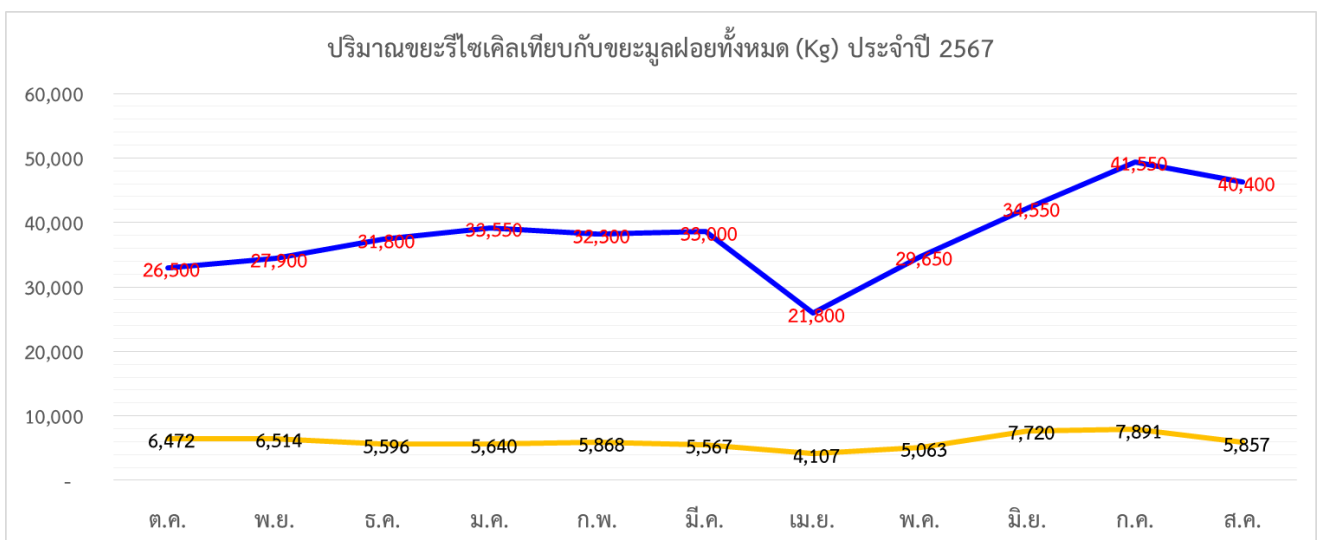
Template for Evidence(s) UI GreenMetric Questionnaire

University : Valaya Alongkorn Rajabhat University under the Royal Patronage
Country : Thailand
Web Address : www.vru.ac.th

[3] Waste (WS)

Valaya Alongkorn Rajabhat University under the Royal Patronage (VRU) realized the importance of waste treatment which arising from many activities at the university and a lot of occurred waste. The university has promoted all staffs and students to share the responsibility for environmental conversation by initiating the projects and activities related to the waste treatment and recycling.

From October 2023 to September 2024, approximately 19 percent of recyclable waste 73.26 tons (73,268 kg) can be separated from the total 388.40 tons (388,400 kg).



The university has organized the activities to change the habits of using materials or resources of staffs and students. The purposes of the activities are created environment friendly behavior of staffs and students to reuse waste or leftover the materials by the following 3Rs.

Reduce: reduce using materials which cause the wastes.

Reuse: bring back the used materials to be used again.

Recycle: processing the leftover materials and used again.

WS1 3R (Reduce, Reuse, Recycling) program for university's waste

Description:

The university has the intention to promoted all staffs, students and including visitors to aware the importance of waste management, reduce, reuse, recycling and resource consumption. Therefore, the university encouraged all to join the many relevant activities.



1. Activities to reduce avoid and stop using foam containers and plastic bags for good health and the environment

The guidelines are as follows:

- 1) Refuse to accept plastic bags from shops in the university
- 2) Refuse to use foam boxes for food from shops in the university
- 3) Use personal water bottles and lunch boxes to reduce the use of plastic water bottles, plastic cups, and single-use food containers
- 4) Select environmentally friendly materials as food containers for meetings, seminars, and trainings



2. Campaign for waste separation before disposal

The university has organized a campaign for waste separation for university personnel. The university has provided 10 more sets of clearly separated bins, installed in university buildings and shops. These bins have bins for organic waste or food waste, recyclable waste, and general waste.





3. Upcycling

Upcycling or converting waste materials or unusable products into existing products into new quality and value-added products. Upcycling is a process that focuses on resource efficiency by developing waste materials into new products that have both design and commercial value. VRU's team brought new ideas let's develop leftover items to come back to life for reuse. This is an attempt to create products that are environmentally friendly and take into account social responsibility.

ตารางกิจกรรม DIY by ARIT

ปี 2567

GREEN

LIBRARY OFFICE
Office of Academic, Resource, and Information Technology

ไอเดีย...เปลี่ยนขยะให้มีประโยชน์

มกราคม 2567 วันพุธที่ 3, 10, 17, 24, 31	กุมภาพันธ์ 2567 วันพุธที่ 7, 14, 21, 28	มีนาคม 2567 วันพุธที่ 6, 13, 20, 27	เมษายน 2567 วันพุธที่ 3, 10, 17, 24	พฤษภาคม 2567 วันพุธที่ 1, 8, 15, 22	มิถุนายน 2567 วันพุธที่ 5, 12, 19, 26
สานพัดรูปหัวใจ จากหลอดกาแฟ 	ดอกไม้จากหลอดกาแฟ 	ตะกร้าจากหลอดกาแฟ 	ตะกร้าจากหลอดกาแฟ 	ใส่ปากขวดจากแก้วน้ำพลาสติก 	หมวกหุ่นยนต์จากขวดพลาสติก
กรงจากหลอดกาแฟ 	แป้นพิมพ์ จากกระดาษหนังสือ 	ดอกไม้คัตไม่กึ่ง จากหลอดกาแฟ 	กระป๋องออมสิน จากกระดาษหนังสือ 	กระถางจากโหลยี่ห้อ 	ตะกร้าจากหลอดกาแฟ

สำนักวิทยบริการ มรภ.อุบลราชธานี

lib.vru.ac.th

arit@vru.ac.th

02-529-1967

กิจกรรมอาจมีการเปลี่ยนแปลงได้ตามความเหมาะสม
จัดทำโดย น.ส.ศุภาสินี น.ส.สุคนธ์
บรรณารักษ์





4. Recycle bank

The University promotes waste separation. Recycle bank is an operational model for promoting the separation of solid waste. The recycle bank is the best place for students to understand the benefits of waste separation. The solid recyclable waste will be sold to the dealers for processing into reusable materials. Recycle Bank deposits can be separated to 4 types such as papers, glasses, metals, plastics old vegetable oil and shockproof foam.

The university organized a workshop on “Waste Sorting before Disposal” for over 500 students to provide them with knowledge and understanding about properly disposing of waste, create awareness of proper waste disposal and demonstrate the value of recyclable waste.



Workshop on Waste Separation before Disposal





Members of the Recycling Bank Project



Visit to study the recycling bank



5. Reduce scale chemistry Laboratory

One of the simplest ways to reduce the amount of chemical waste is to reduce the amount of chemicals used in laboratory experiments. Chemistry operations that are scaled down use fewer chemicals. Small or modified laboratory equipment and processes that have been modified to express general scientific concepts. Additionally, reducing the size of experiments means there is less chance of chemicals spilling and becoming waste.

