

SOLID WASTE MANAGEMENT

Dust bins with different types of colors for collection of different types of waste materials generated inside the University campus.

Wet waste (green color), dry waste (blue color) and e-waste (red color)



Kitchen waste (dry and wet)

Kitchen Waste and food waste generated in the kitchen as well as hostels were collected and composted using My Green Bin (25 lts Capacity) donated by Global Warming Protocol Protection Force (GWPPF), a local NGO. Compost generated was used for raising vegetable garden. MY GREEN BIN converts kitchen waste to organic manure in 25-30 days time. 6 Kgs of solid manure and approximately 4 lts of liquid manure is generated per each My Green Bin without any additional maintenance cost. Solid and Liquid manure is used for raising kitchen garden.

Pouring Kitchen waste in to an organic Manure MY Green Bin



Converting Kitchen waste in to an organic Manure using MY Green Bin

Automatic Sanitary Napkin Incinerator

According to Menstrual Health Alliance India, one sanitary napkin could take 500 to 800 years to decompose as it comprises of non-biodegradable plastic and can lead to health and environmental hazards. Around 150 female students are residing in Swarnamukhi Ladies Hostel and its natural that all girls use sanitary napkins. Sanitary Napkin incinerator machine donated by District Panchayat Office (DPO) has been installed in the premises of Swarnamukhi Ladies Hostel to ensure safe disposal of Sanitary Napkins in an environmentally friendly manner.



Sanitary napkin incinerator machine at Swarnamukhi women Hostel

Reusing of old vehicle tires

Vikrama Simhapuri University has seven four wheeler vehicles including two buses, Mahindra Bolero, TATA Manza, Mahindhra Scorpio and Toyota Innova. Every year old four wheeler vehicle tires are replaced with the new tires. The old tires instead of burning or dumping in the landfill, old tires can be reused for gardening purpose/holders for dustbins. Collected old tires were decorated with paints by NSS volunteers and used for the gardening purpose.

Reusing of Old Vehicle tires for gardening purpose /holders for dustbins



Reusing of Old Vehicle tires for gardening purpose /holders for dustbins



Dry waste disposal vehicles

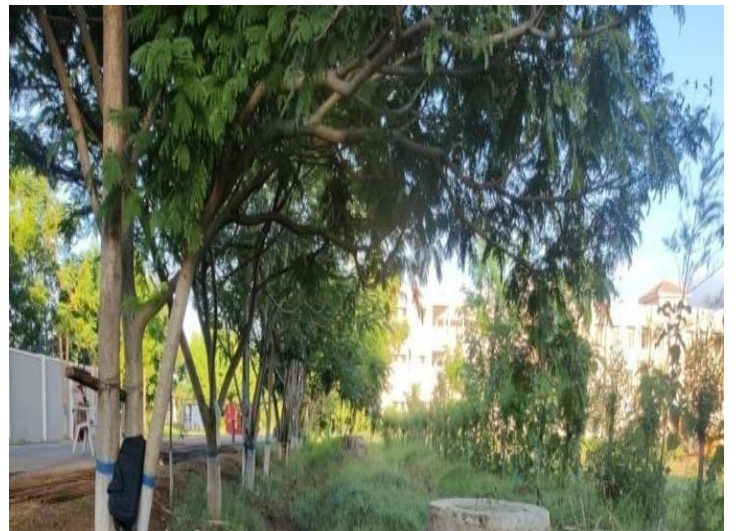


Preparation of vermicomposting with wet waste

LIQUID WASTE MANAGEMENT

Grey Water Management Initiatives

Grey water is water from the bathroom and kitchen sinks, bathing area. Grey water from Pinakini Boys Hostel and girls are directed through an underground drainage system into a large soak pit constructed at a faraway place from the hostel blocks. Grey water is allowed to percolate in the pit without any treatment.



Underground drainage system for disposing grey water into soak pits

Dark water is collected into septic tanks constructed adjacent to each building



Waste water is directed for watering Plants



Rain water collected on the building roof are utilized for watering plants

Waste water channelized into a canal for irrigating plants of Artificial forest (Akhira Miyawaki Method) developed in the campus

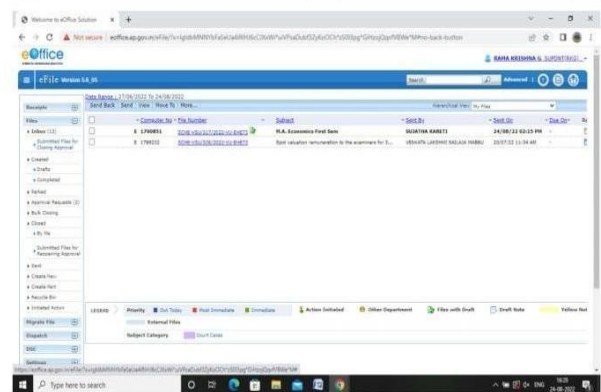
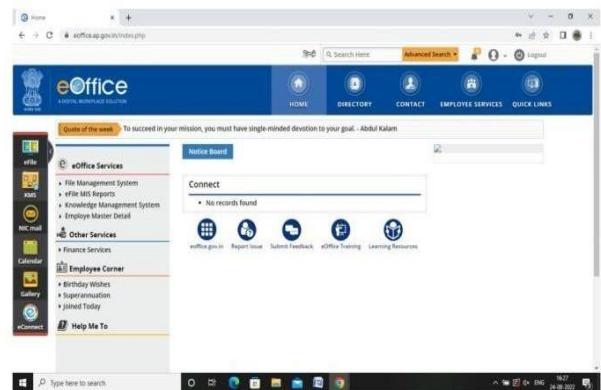
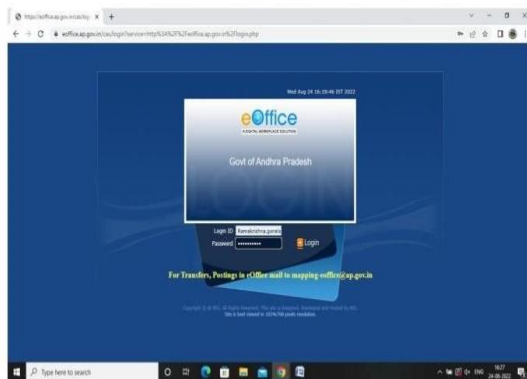
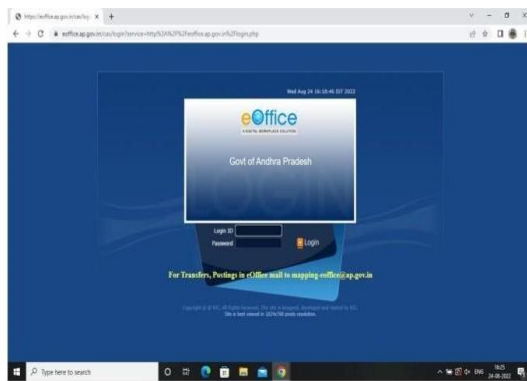


E-Waste Management

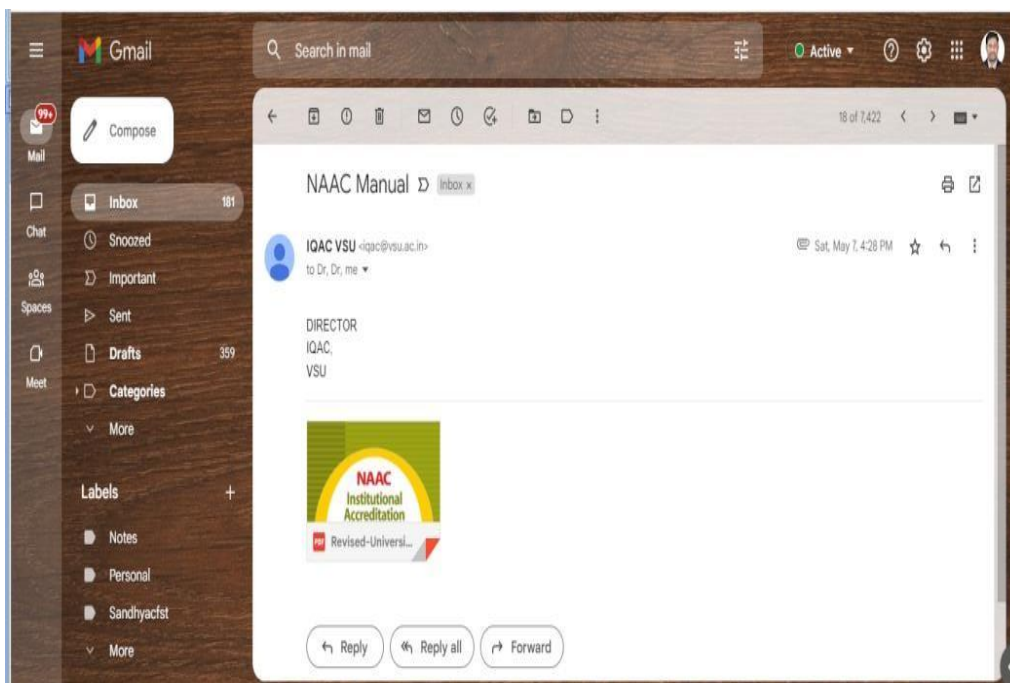
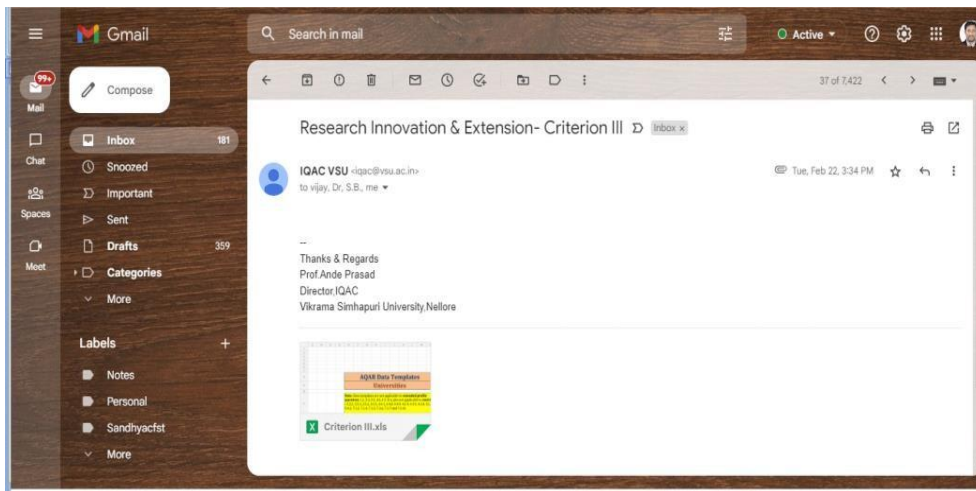
The Institute has MOU for Collecting and Disposing-waste generated in campus. MOU has been made with supplier of Computers and electronics materials, in MOU it has been mutually agreed to give collected e-waste with non-profit.

Electronic Office or e-Office for paperless or paper free work

Electronic Office or e-Office is cloud enabled software which uses mainly digital documents minimizing the use of physical paper. e-Office facilitates users to create and manage viewable, searchable and sharable electronic documents. VSU has been availing the e-Office since 2021 for all official purposes.

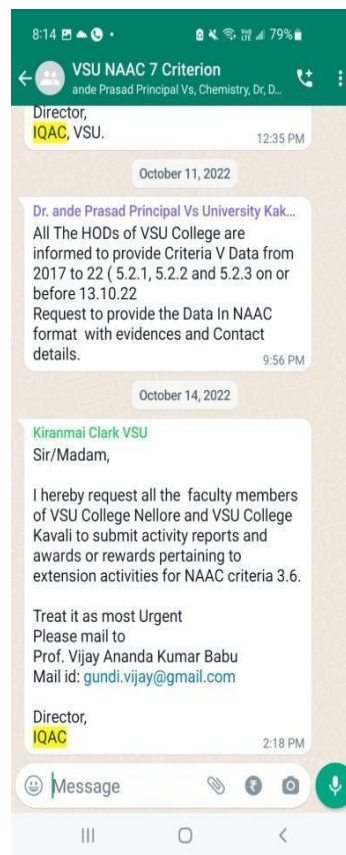
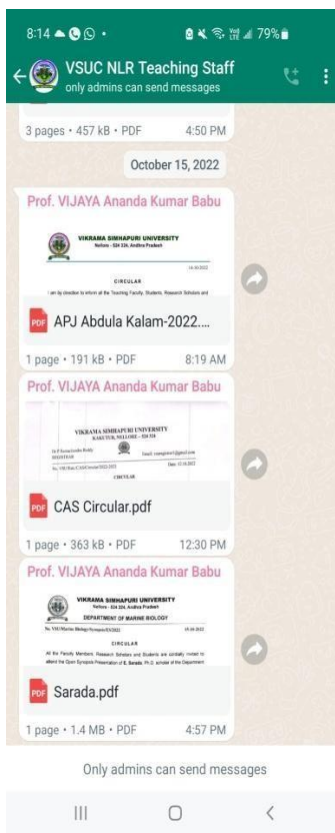
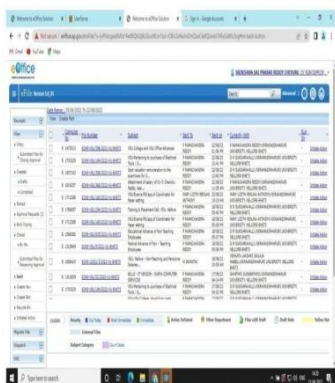


Paper less work culture at VSU



Paper less work culture at VSU

To make it paper free or paperless work culture, Vikrama Simhapuri University has been communicating all official information or documents or circulars majorly through E-mail. In addition, WhatsApp groups are also being used for quick and easy of sharing information.



Paper less work culture at VSU

Kitchen Waste



Collecting the food waste at Women Hostel



Collecting the food waste at Men Hostel



Collecting the food waste in the next day morning to feed the cattle



Taking the food waste in a vehicle to feed cattle