

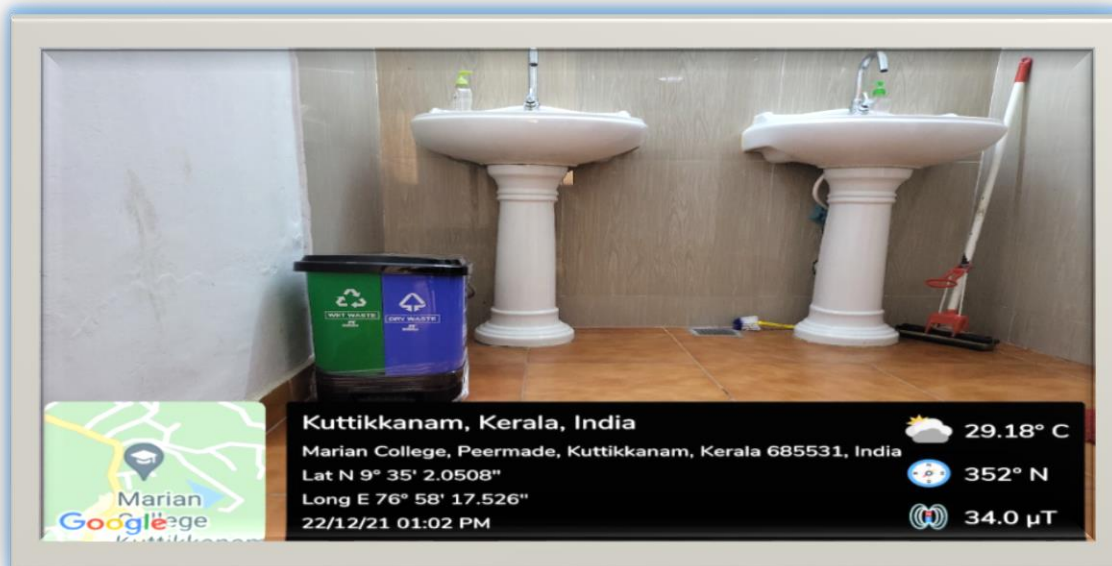
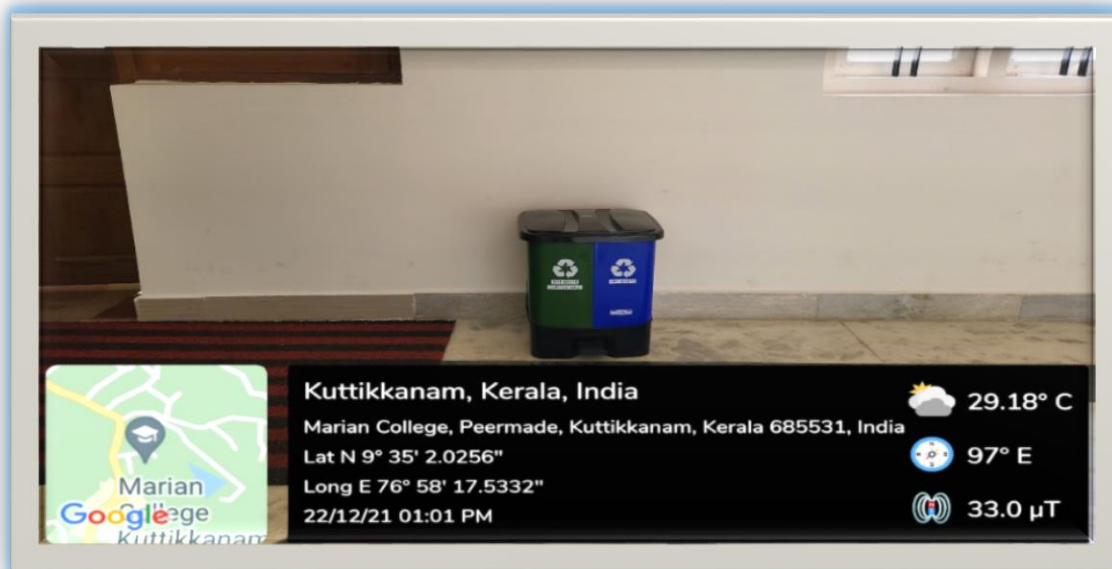


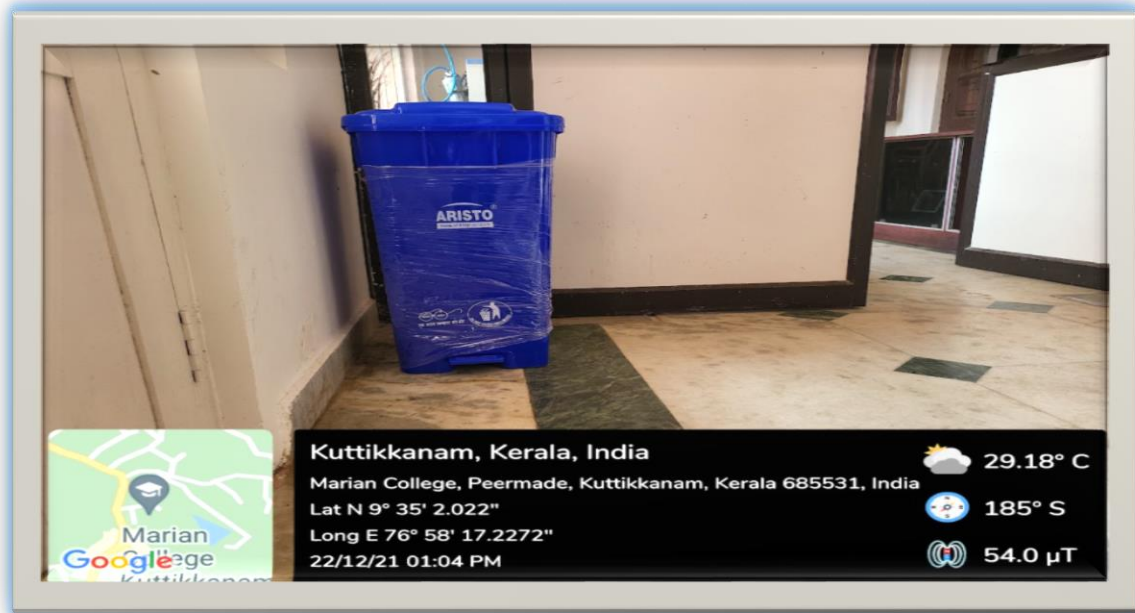
MARIAN COLLEGE KUTTIKKANAM
(AUTONOMOUS)

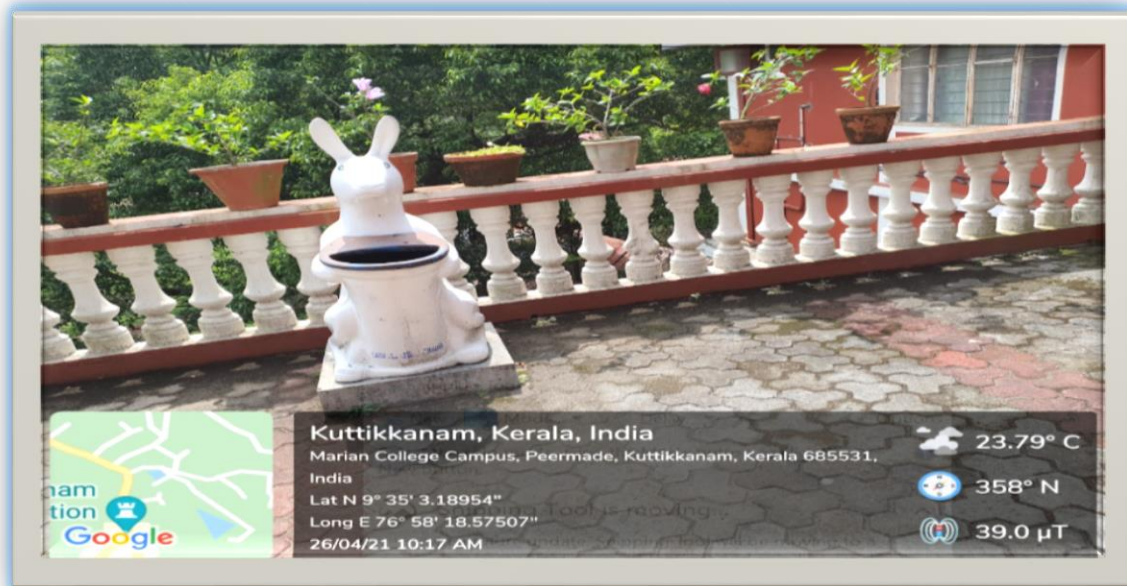
Solid Waste Management

Submitted to
THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
FOURTH CYCLE OF ASSESSMENT

Marian follows the **5-R principles (Refuse, Reduce, Reuse Repurpose and Recycle)** in Solid Waste Management in the campus and is committed to adopt best practices in reducing and managing solid waste effectively and systematically. An efficient sorting and treatment mechanism is in place on campus with strict adherence to Green Protocol. Waste is segregated at source by providing separate colour-coded bins in different strategic and visible locations within the reach of students for degradable and non-degradable waste.







Waste is segregated at source by providing separate waste bins in different strategic locations.



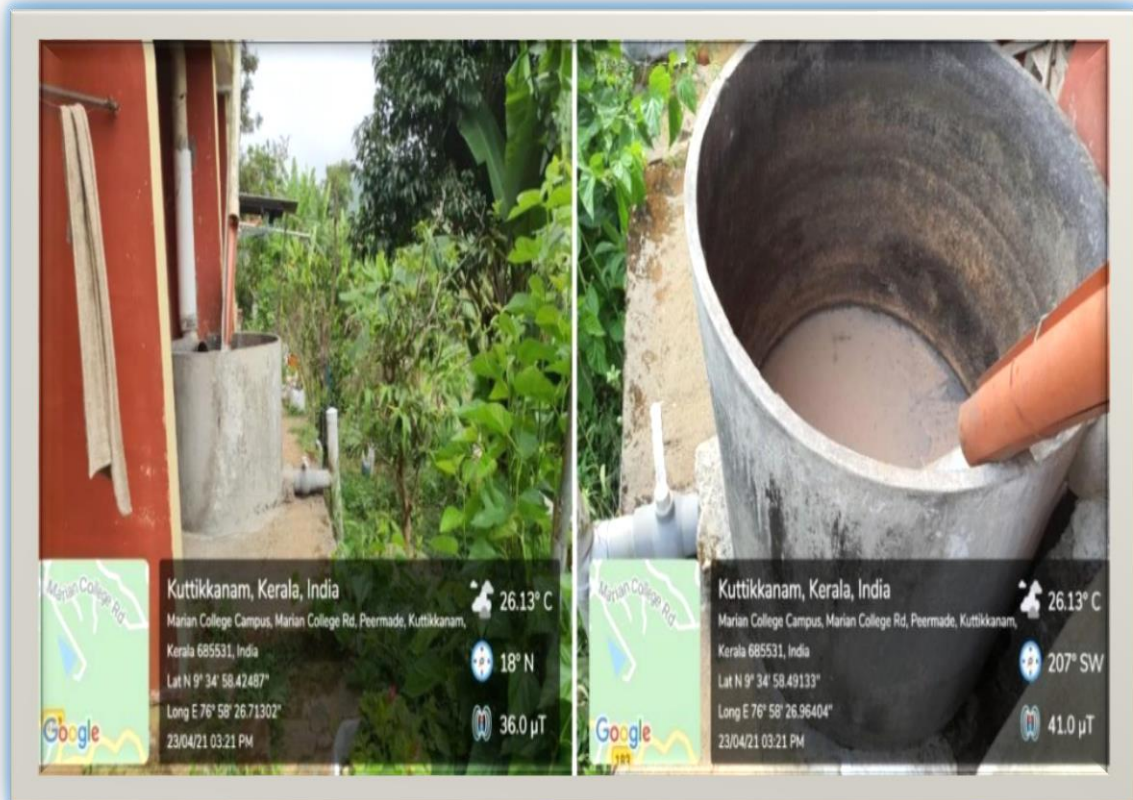
Food Waste

Food waste from hostels are given to nearby farmers to feed their piglets and the kitchen waste is fed to biogas chambers for gas production. The resulting organic manure from the biogas plant is used for gardening, vegetable cultivation and in horticulture.

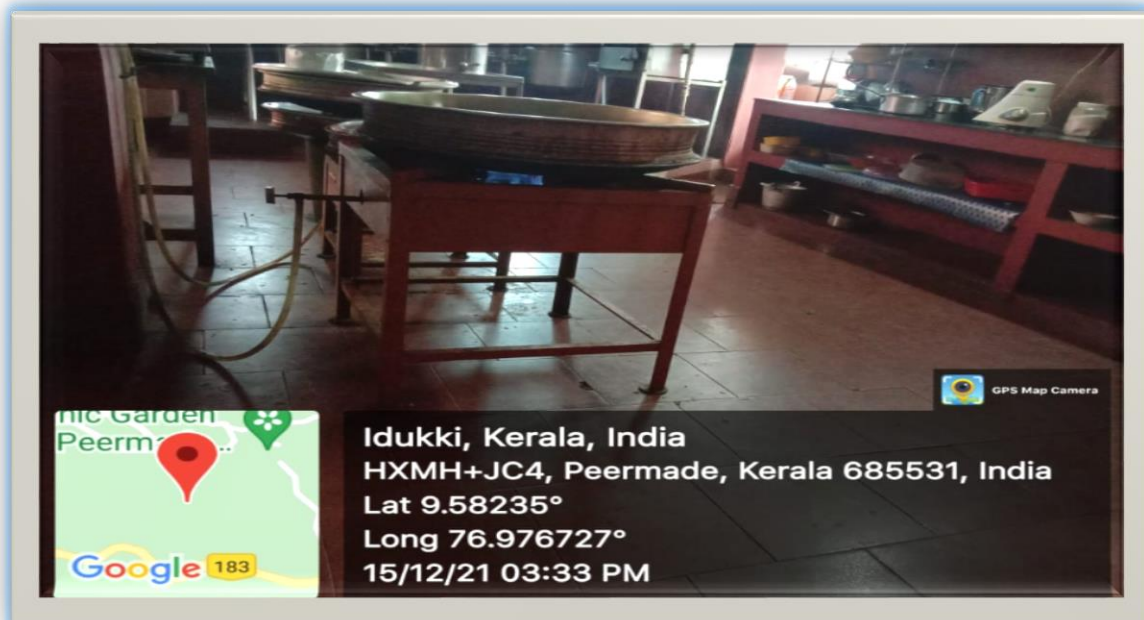


Food waste from hostels are given to nearby farmers to feed their piglets





Waste Disposal Tanks of Bio Gas Plant





Biogas used for cooking purpose - renewable fuel produced by the breakdown of organic matter such as food scraps



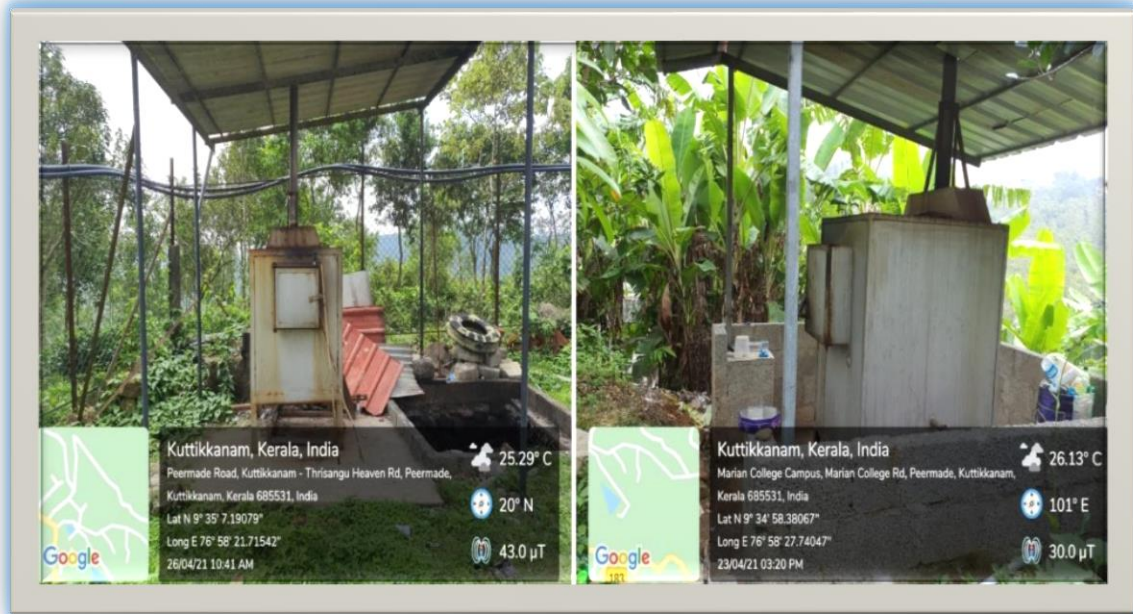
Paper Waste

Paper waste is sold out to vendors or incinerated. Efforts are on to reduce the use of paper to a minimum level, through digitalizing the communication systems. Waste papers are also used for making paper pens.



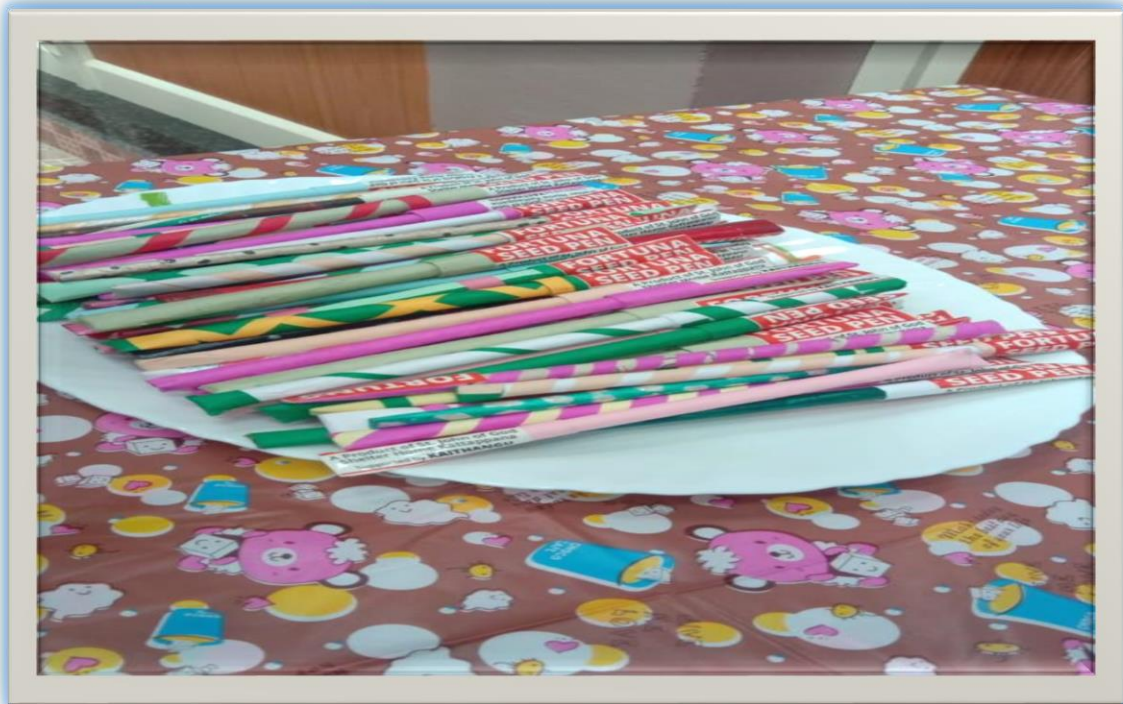
Selling paper waste to the vendors





Waste disposal through properly installed incinerator



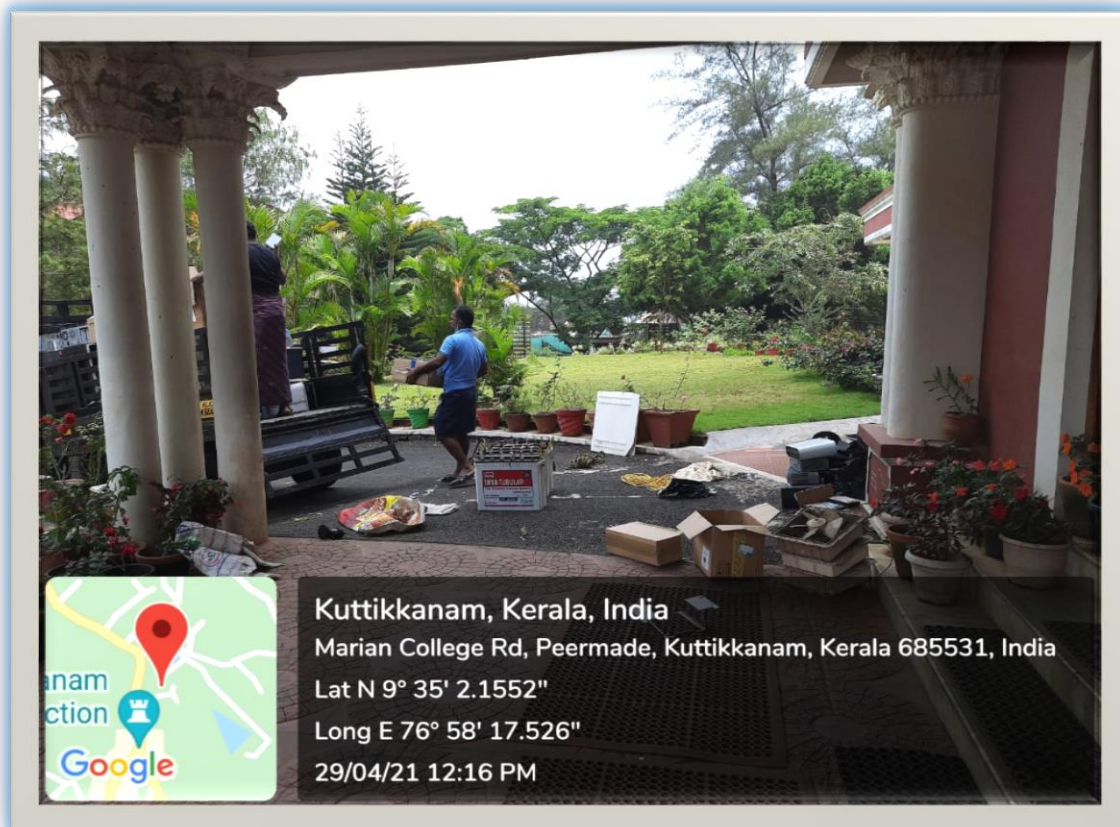


Paper Pens by Using Waste Papers



Plastic Waste

The plastic wastes were sold out through vendors periodically.



Plastic wastes are sold to vendors



Other

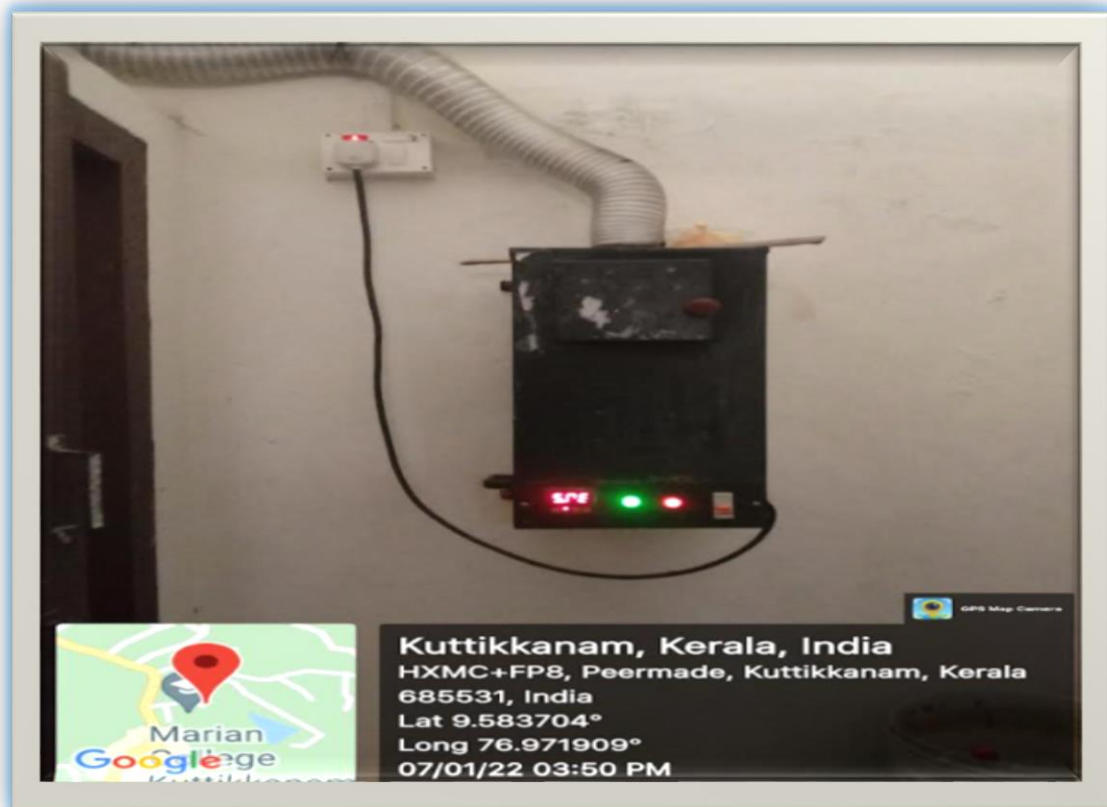
Specially designed Napkin incinerators are installed in ladies hostels as well as in the toilets inside the campus.

Electronic equipment including monitors, CPU, LED Bulbs, printers and other peripherals that cannot be repaired are collected and sold to vendors annually.



Polyhouse and horticulture using processed degradable waste





Napkin Incinerator

