



MARIAN COLLEGE KUTTIKKANAM
(AUTONOMOUS)

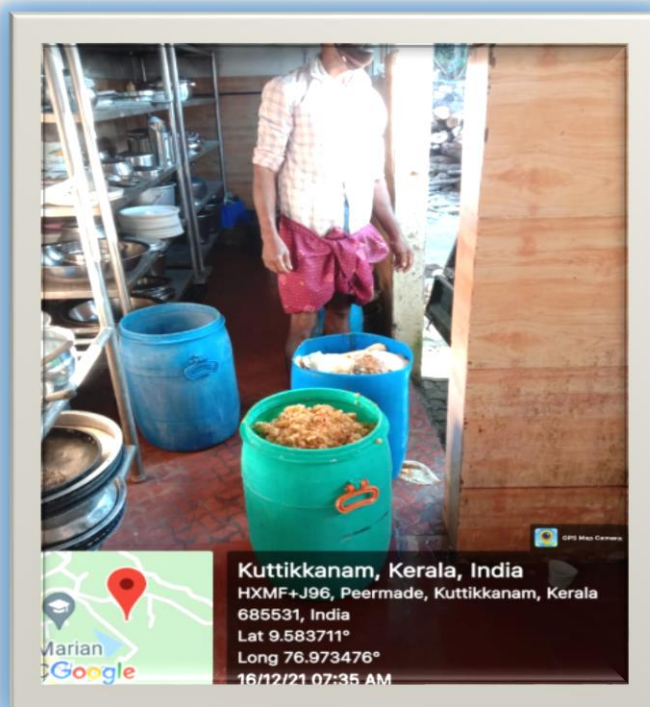
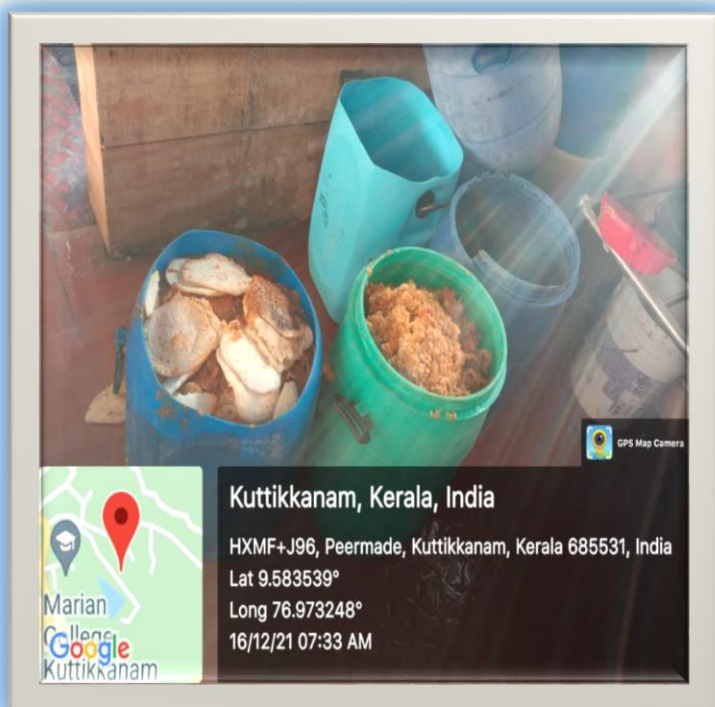
Waste Recycling System

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

Marian follows the 5-R principles (*respect, rethink, reduce, reuse, and recycle*) principle in all possible kinds of waste generated in the campus. The college adopts the following mechanisms for waste recycling

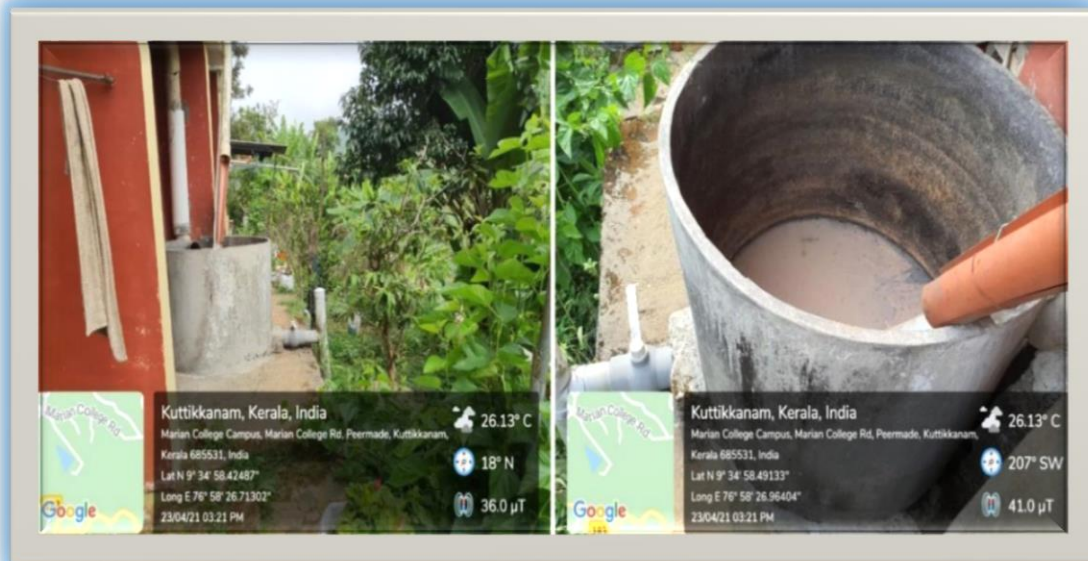
Food Waste

Kitchen waste from the hostels are used for biogas production and the slurry from the biogas plant is used as a manure for gardens and vegetable cultivation in the campus. The food waste is given as food for a nearby Pig Farm on the basis of an agreement.



Food waste from hostels are segregated and a portion is given to nearby farmers to feed their piglets





Rest of Food waste is used in Bio Gas Plant

Paper Waste

Paper wastes are segregated at source and good quality A4 sheet papers are re-used for making paper pens. Papers with one side printing are used in the office for printing rough copies.





Waste paper is used for Making Paper Pens

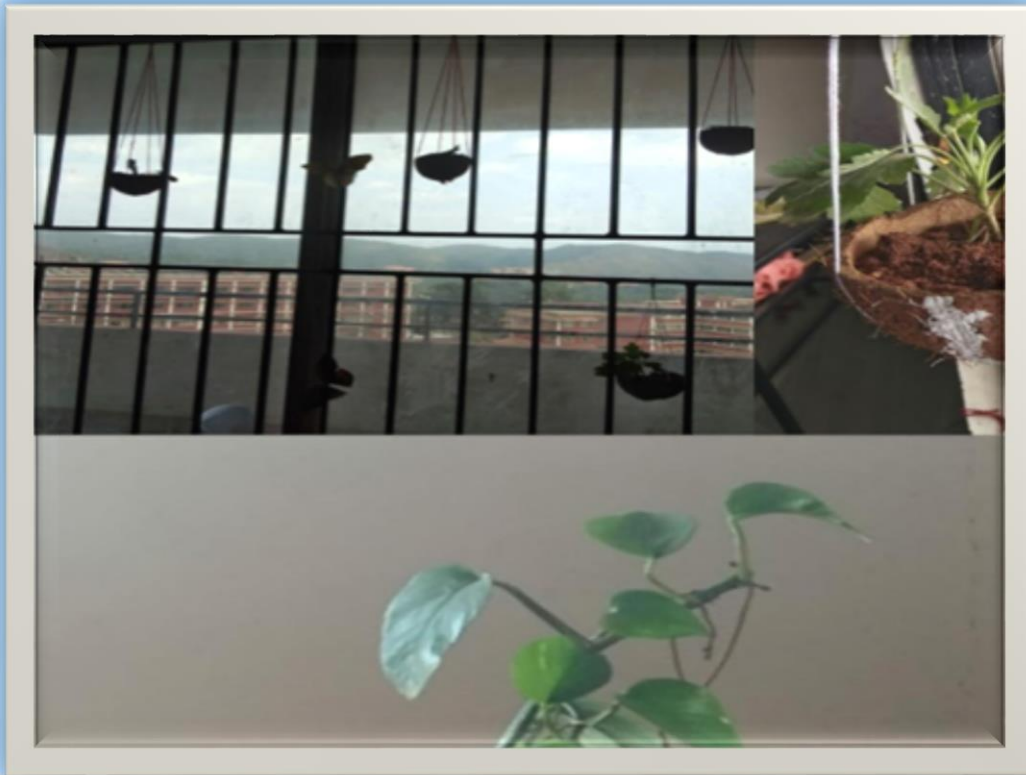


A4 Sheets printed one side are reused for rough printing



Plastic Waste

The use of plastic is discouraged in the campus, but the plastic waste generated in some unavoidable instances are recycled by students to make decorative handicraft items, chairs etc.



Plastic trash is used for decorative purpose





Marker pens are reused

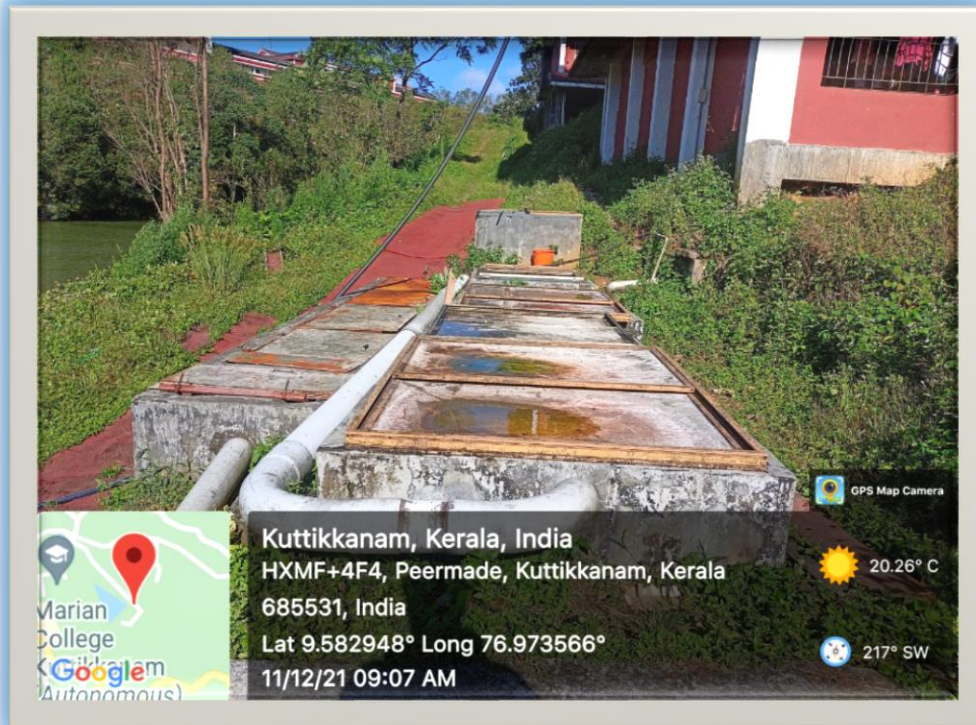


Plastic bottles are used for constructing chairs in public places



Waste Water

Waste water is very effectively recycled in the campus through installing a STP unit with a processing capacity of 50000 Litters. The processed water from the STP is used for gardening and Toilet flushing.

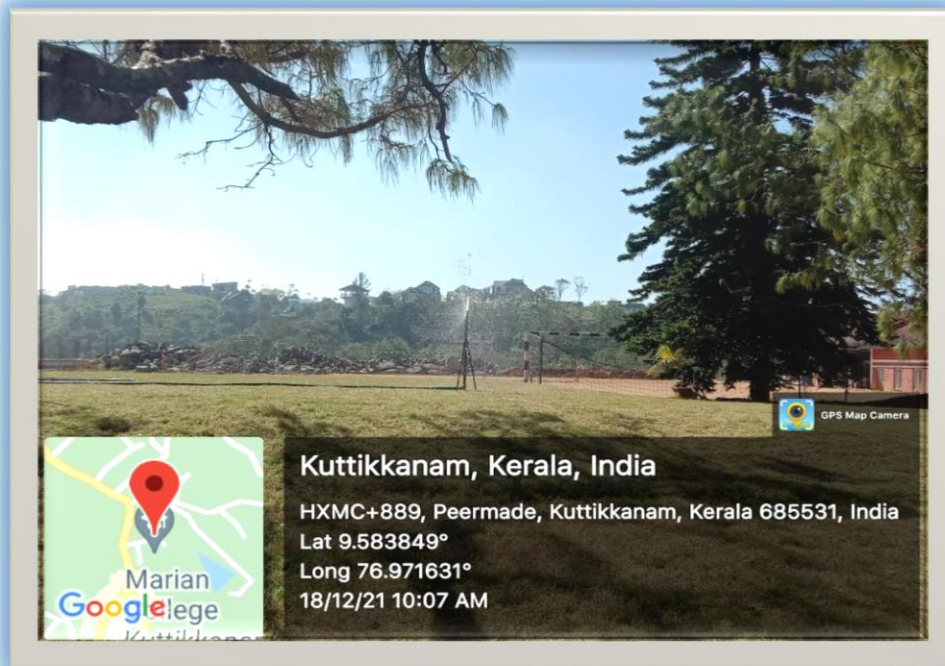


Wastewater Treatment Plant





The water tank that collects the treated wastewater

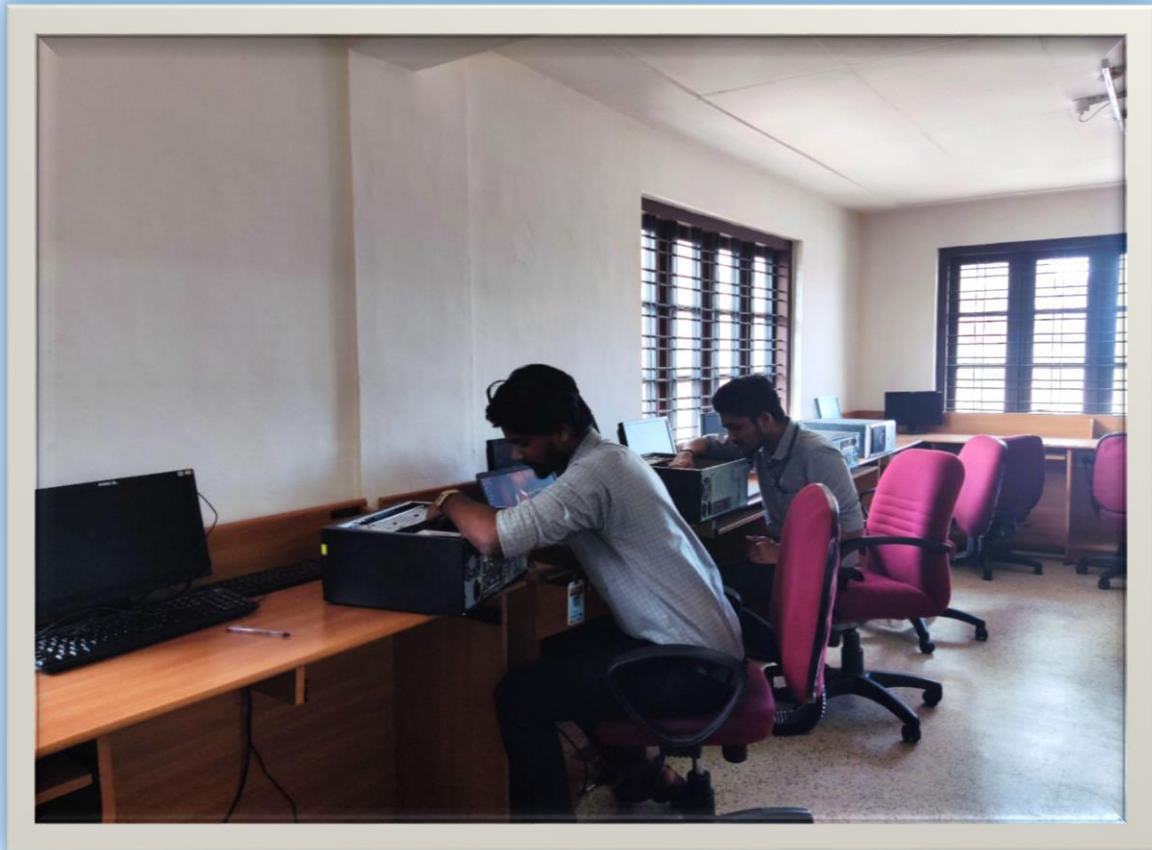


Sprinkler irrigation system is utilized to water the lawns, flowering plants and vegetables using recycled waste water



Electronic Waste

Working computers of the old generation are used in Hardware labs. Some of the old computers are also used for demonstration purposes in computer hardware sessions.



Old configuration computers are being used for Hardware Training

