



**MAR THOMA COLLEGE FOR WOMEN
PERUMBAAVOOR**

CRITERION 7

**Institutional Values &
Best Practices**

2017-2022

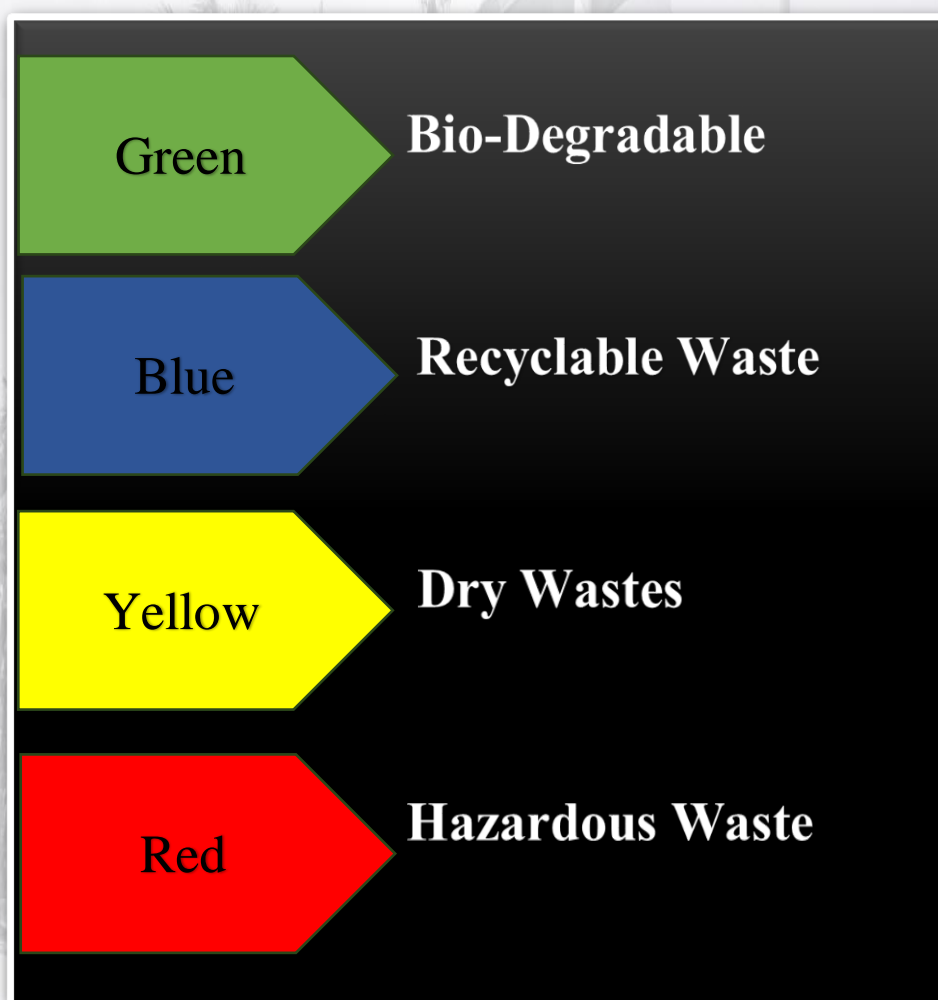
7.1.2.2 Management of the Various Types of Waste



Segregation of Waste at its Source

The college has established colour coded waste bins for segregating wastes at the source itself. It is helpful for the proper disposal of different types of wastes as well as the recovery of reusable and recyclable materials.

The colour code is as follows:



[Signature]
Principal-in-charge
Mar Thoma College For Women
Perumbavoor - 683 642



Colour Coded Waste Bins



S. J. Jayaraj
Principal - in - charge
Mar Thoma College For Women
Perumbavoor - 683 642



Circular/Notice



MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR
(Affiliated to Mahatma Gandhi University, Kottayam. Re - Accredited by NAAC with 'B4')

Kerala 683 542

☎ 0484 2522723

Fax 0484 2520823

E mail : mtcwpbr@yahoo.in

CIRCULAR

To:

All Staffs and Students

Mar Thoma College for Women, Perumbavoor

Subject: Segregation of waste materials.

The staffs and students are hereby informed that, as part of the "Green and Clean Campus" initiatives of our institution, separate waste bins are established in the campus for disposing different types of waste materials. Segregation of waste materials at its source will be helpful for the proper disposal of each kind of wastes as well as the recovery of reusable and recyclable materials. Colour code of the waste bins are as follows:

- Green – Biodegradable Wastes (Food and Garden Wastes)
- Blue – Recyclable Wastes (Paper, Cardboard and Plastics)
- Yellow – Dry Wastes (Plastic Bags, Packaging and Rubber)
- Red- Hazardous Wastes (Chemical Wastes)

I request all of you to extend your full cooperation for this initiative.

With Best Regards

Dr. Lissy Cherian

Principal-in-charge

Place: Perumbavoor

Date: 06-06-2017

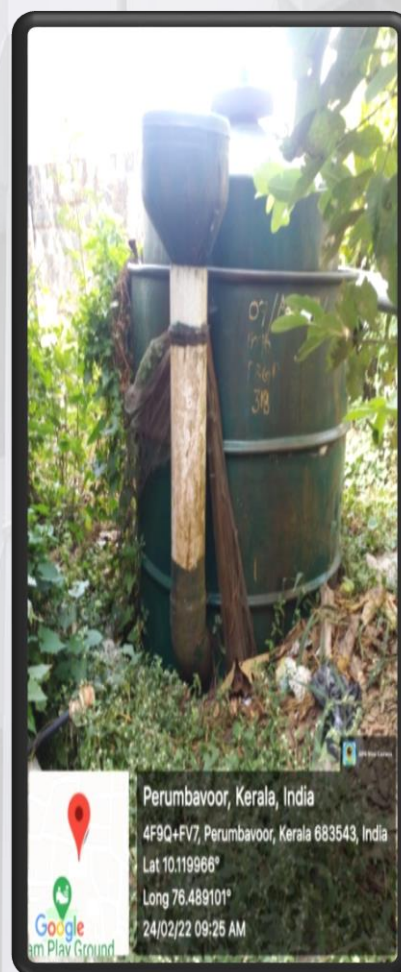
For circulation among staffs and students.

Principal-in-charge
Mar Thoma College For Women
Perumbavoor - 683 542



Bio-Gas Plant

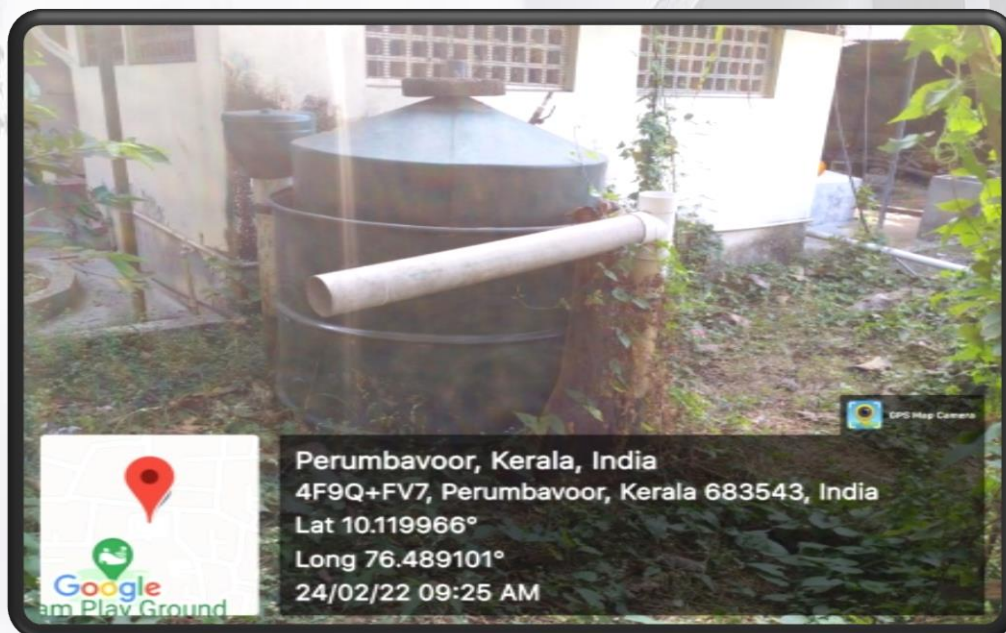
The college has taken a significant leap towards sustainable practices by establishing biogas plants to generate biogas for cooking purposes. These biogas plants employ an environmentally friendly process that not only produces biogas but also yields a nutrient-rich substrate, which is utilized as organic fertilizer. The biogas plants have been set up to efficiently convert organic waste, such as kitchen scraps and agricultural residues, into biogas through anaerobic digestion. This biogas is then harnessed and used as a clean and renewable energy source for cooking in the college's kitchen and other relevant areas.



Principal-in-charge
Mar Thoma College For Women
Perumbavoor - 683 542



Bio-Gas Plant in the Premise of the College Hostel



S. J. Varghese
Principal-in-charge
Mar Thoma College For Women
Perumbavoor - 683 542



Vermicompost

. The vermicompost plants located near the scrap yard on the college campus primarily use leaves and other waste materials, such as chicken bones, that are not used in the biogas plant as raw material for production.



Vermicompost – Near Auditorium

[Signature]
Principal-in-charge
Mar Thoma College For Women
Perumbavoor - 683 542



Pipe Compost Plant

To reduce waste and promote sustainability, the College has installed pipe composting, also known as worm tube composting. This method utilizes a PVC tube to carry out the vermicomposting process and is ideal for treating lower volumes of waste.

Pipe-Compost Plant Near Auditorium

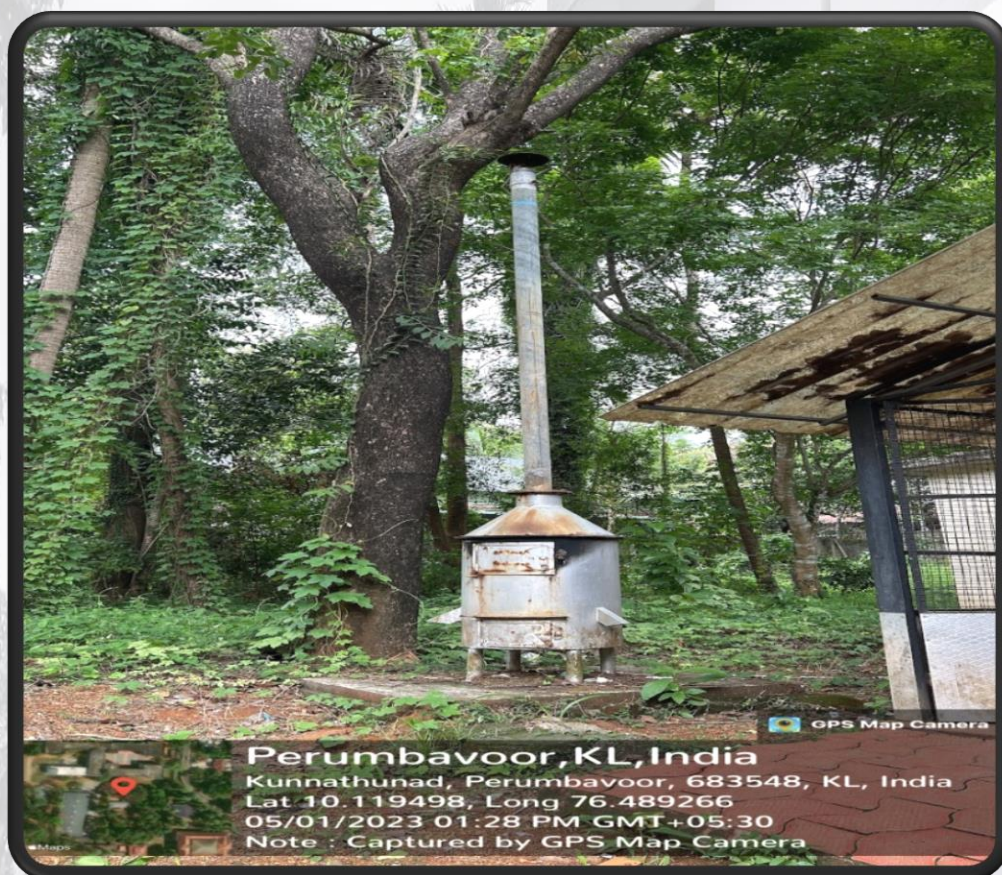


S. J. Varghese
Principal - in - charge
Mar Thoma College For Women
Perumbavoor - 683 642



Incinerators

Incinerators are installed in the College Campus so as to help the students and staff to decompose waste in an eco-friendly manner



S. S. S. S.
 Principal-in-charge
 Mar Thoma College For Women
 Perumbavoor - 683 542

