



RCMAS
RAJAGIRI COLLEGE OF MANAGEMENT &
APPLIED SCIENCES

Criterion VII Institutional Values and Best Practices

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES

RAJAGIRI VALLEY P.O, KAKKANAD, KERALA 682039

An ISO 9001 : 2015 Certified Institution

Affiliated to Mahatma Gandhi University, Kottayam and Approved by AICTE

7.1

Institutional Values and Social Responsibilities

7.1.2

**Photos of Management of the Various Types of
Degradable and Non-degradable Waste Management**

Submitted to



7.1.2 Photos of Management of the Various Types of Degradable and Non-degradable Waste Management

INDEX

Sl. No	Initiatives	Page No.
1.	Waste Segregation at Source Colour-coded Dustbins	3
2.	Biodegradable Waste Management <ul style="list-style-type: none"> ● Biogas Plant for Food Waste ● Animal Ark for Food Waste ● Poultry Farming ● Dry leaves / Vermicompost Pit ● Organic Farming ● Pipe Compost 	4-8
3.	Non-Biodegradable Waste Management <ul style="list-style-type: none"> ● Paper Waste ● E-Waste ● Plastic Waste 	9-11
4.	Other Waste Management Facility <ul style="list-style-type: none"> ● Incinerator 	12



Legal

1. Waste Segregation at Source

The color scheme provides clear visual cues for students, faculty and staff to properly categorize their waste. Initial sorting at the point of disposal, streamlines the waste management processes and increases the efficiency of recycling and composting efforts.

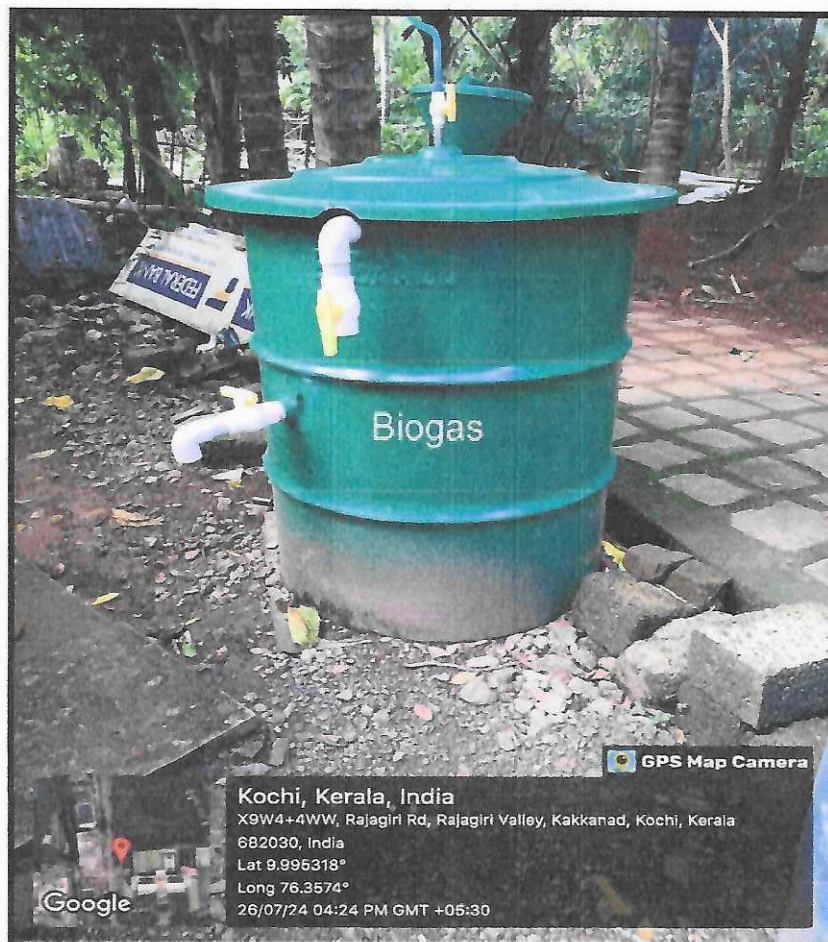
Colour Coded Dustbins



2. Biodegradable Waste Management

A larger part of the waste generated on the campus is food waste. For food waste management, a significant portion is diverted to the college biogas plant.

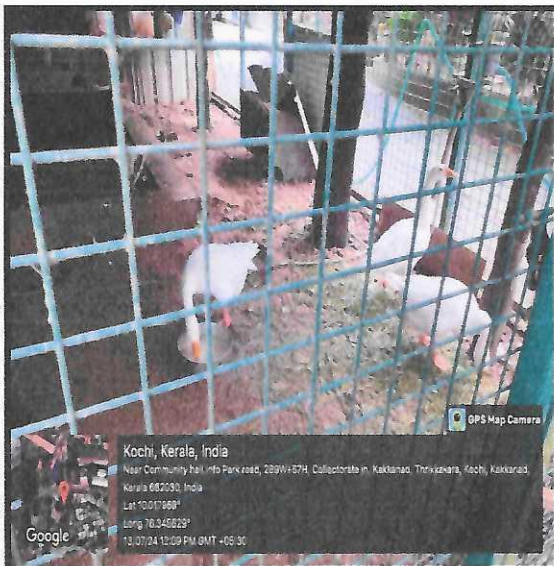
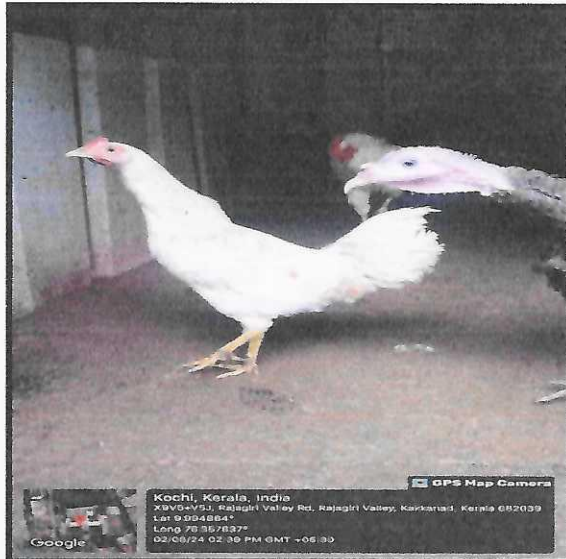
Biogas Plant



Legal

Animal Ark for Food Waste

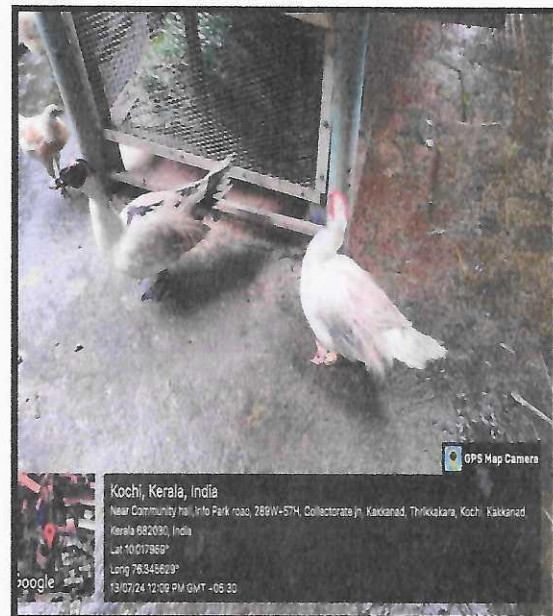
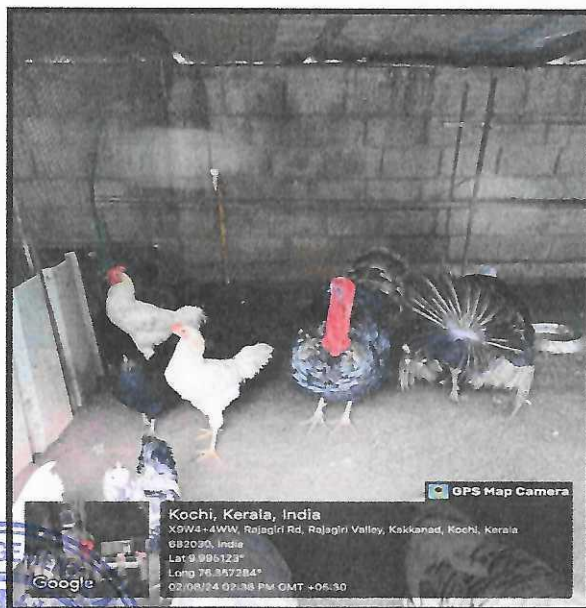
The animals, primarily rabbits and dogs, consume biodegradable waste, transforming it into valuable organic manure. This process not only diverts waste from landfills but also enriches the soil, fostering a healthier campus ecosystem.





Poultry Farming

The farm houses a diverse avian population including different kinds of ducks, hens and turkeys. The poultry waste, rich in nutrients, is further processed into organic compost, enhancing soil fertility and promoting sustainable agriculture within the campus premises.

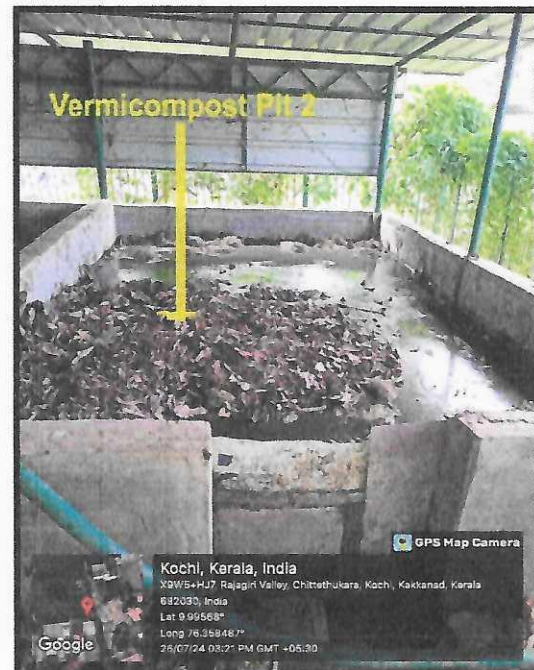
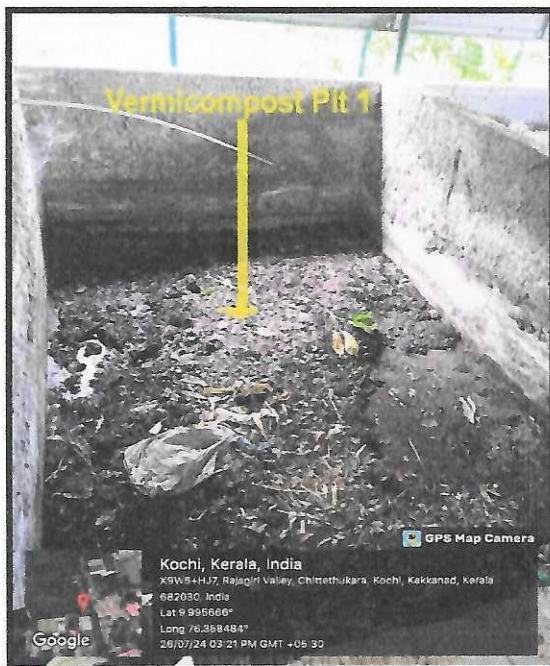


Handwritten signature



Vermicompost Unit

The strategy aims to minimize landfill waste, promote recycling and composting to contribute to a more sustainable campus environment.



Organic Farming Using Vermicompost



Pipe Compost

Pipe compost involves utilizing PVC pipes as vertical composting chambers. Organic waste, such as food scraps and garden trimmings, is layered within the pipes along with soil and microorganisms.



3. Non-Biodegradable Waste Management

Paper waste bins in and around the building help ensure clean, uncontaminated paper reaches recycling facilities. An MoU is functional for segregating paper waste of the institution.

Paper Waste



Legal

E- Waste

E-waste collection lessens the negative effects of e-waste on the environment while simultaneously lowering the requirement for resource extraction and preserving valuable materials. An MoU is active with Microage Networks and Solutions.



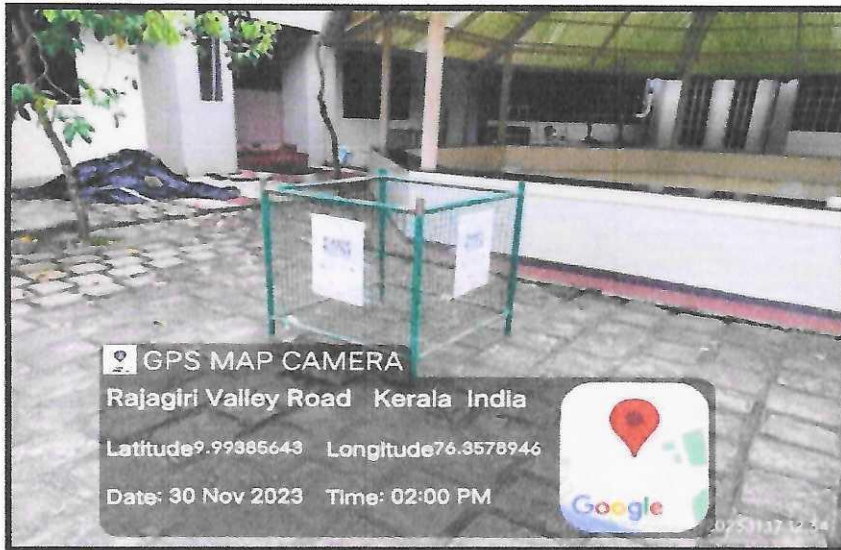
Certificate of E- Waste Collection



Legal

Plastic Waste

To ensure effective processing and recycling of plastic and to ensure a plastic-free environment as far as possible, the institution has a strong infrastructure for the collecting and sorting of plastic waste.

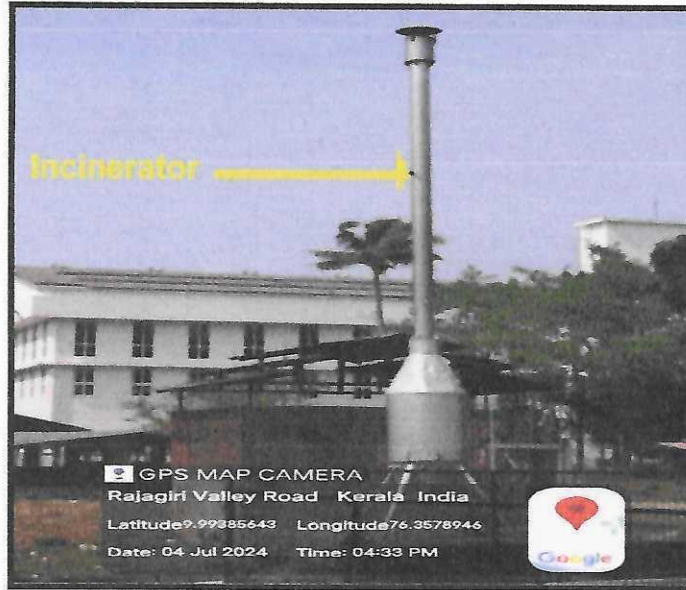


Legal

4. Other Waste Management Facilities

The incineration system prioritizes both safety and environmental responsibility. This technology plays a vital role in waste management by significantly reducing waste volume.

Incinerator



Legal

PRINCIPAL

Rajagiri College of Management & Applied Sciences
Rajagiri Valley. P. O., Kakkanad - 682 039