

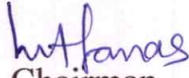
Rayat Shikshan Sanstha's
Rajarshi Chhatrapati Shahu College Kolhapur
Criteria No – VII Institutional Values and Best Practices
Environmental Consciousness and Sustainability and Divyangjan friendly initiatives

7.1.3 Facilities in the institution for the management of the degradable and non-degradable types of waste


INDEX
7.1.3

PHOTO FACILITY

Sr. No	Activity/Initiatives/Courses
1	Solid Waste Management
2	Liquid Waste Management
3	Bio-Medical Waste Management
4	E-Waste Management
5	Waste Recycling System
6	Hazardous Chemical Waste Management


Chairman
Criterion VII




Principal,
Rajarshi Chh. Shahu College
Kolhapur.

ENVIRONMENTAL CONSCIOUSNESS AND SUSTAINABILITY

7.1.3 Facilities in the Institution for the management of the degradable and non-degradable types of waste

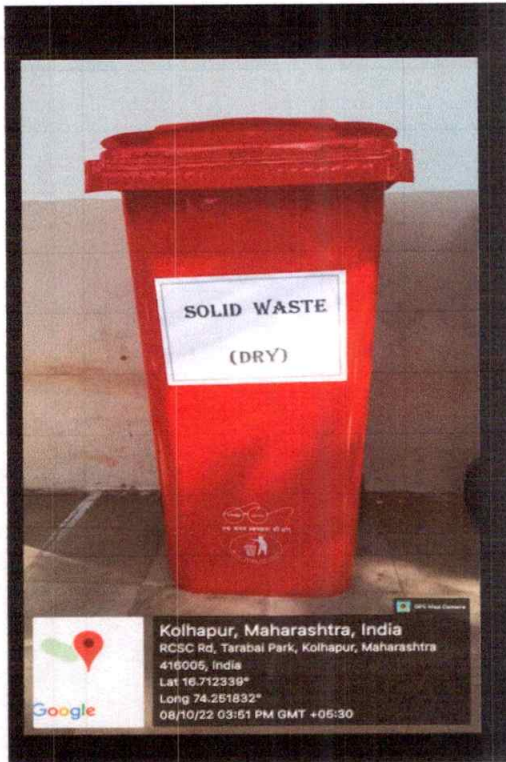
1. Solid Waste Management :

Solid waste includes biodegradable components like Food Waste, Vegetable peels, leaves, etc. which are collected in separate bins and then dumped into the composting pit. The organic compost used as manure for gardening in the premises. Other non-biodegradable waste is frequently collected by Kolhapur Municipal Corporation.

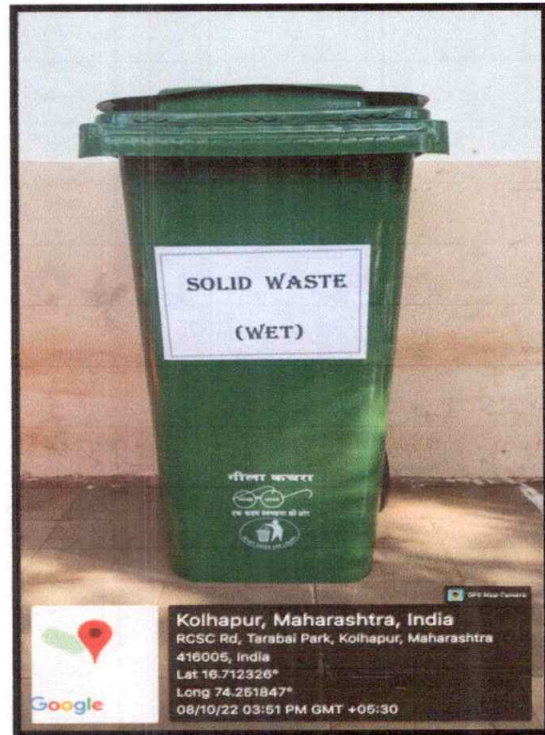


Vermicomposting Unit





Solid Waste (Wet)



Solid Waste (Dry)

2. Liquid Waste Management:

Liquid waste generated in the campus falls into two categories

- 1) Water used for Washing & Cleaning of utensils, etc. from canteen.
- 2) Waste water from laboratories using chemicals.
- 3) Septic tanks effluents from various sanitary blocks.

All the liquid waste thus generated is discharged into the soakage Pits through drainage system.



3. Biomedical Waste Management:

Biomedical waste included blood sample, Syringe, Animal Waste generated from Zoology department, hand gloves, masks and Sanitary Napkins collected from the premises. The proper disposal of the same, was carried out by department of Zoology & Health Center by dumping it in pit.



Burial of Biomedical Waste in Disposal Pit

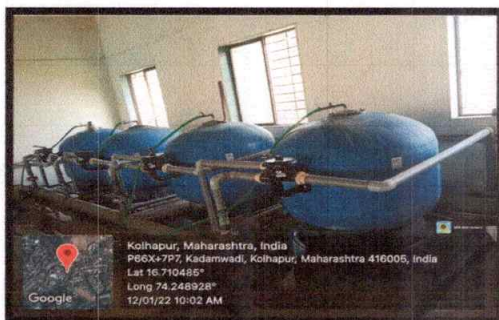
4.E-waste Management:

E-waste mainly includes obsolete Electronic devices such as Computer System Monitors, Printers scanner Calculator, Battery Cells, etc.

Our Parent Institute has constituted a technical committee to make the audit of PC'S, Electronic Gadgets, Instruments and Equipment after its expiry date which enables the proper disposal of e-waste.

5. Waste recycling System:

The tap water undergoes proper filtration which lowers the concentration of calcium and other minerals which is used for swimming pools. The recycling of drained water is managed by storing it in tanks which is again used for gardening purpose.



Waste recycling System

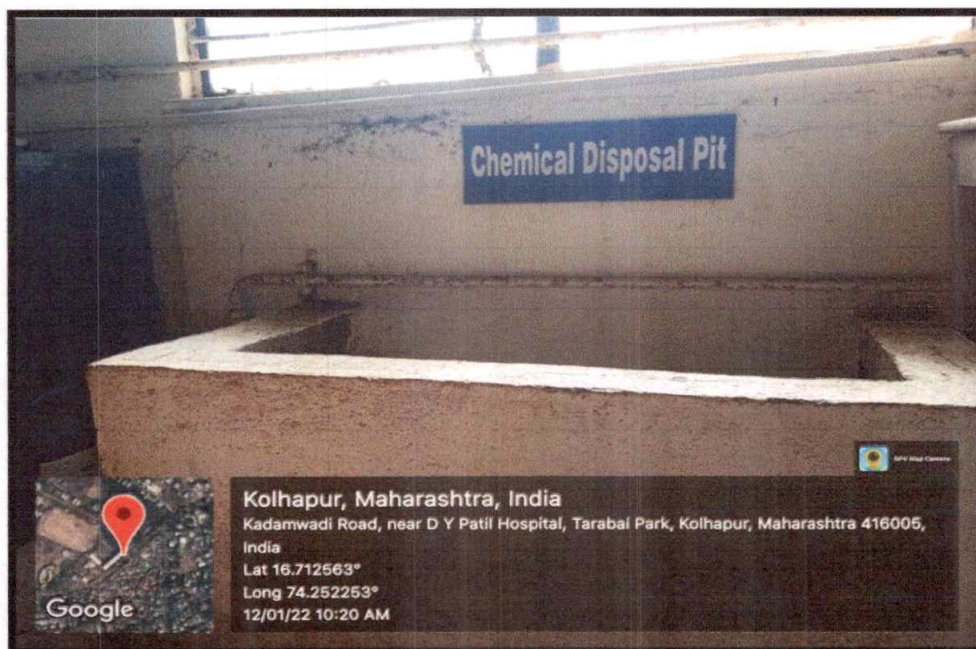


Filtration Unit



6. Hazardous Chemical Management:

Hazardous waste from science laboratories is managed safely by discharging it into the Chemical Disposal Pit. Waste chemicals generated from chemistry lab are properly disposed off by either dissolving them in water or keeping them in protected zones.



Chemical Disposal Pit

