



7.1.3: Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)

The institution has established comprehensive facilities for effective waste management, addressing both degradable and non-degradable waste.

Solid Waste Management

For dry solid waste, the institution implements vermicomposting, converting organic waste into valuable compost. This process not only reduces waste volume but also enriches the soil, promoting sustainability and environmental awareness among students.

Liquid Waste Management

Hazardous chemicals are restricted in the laboratories. A proper drainage system has been installed to manage liquid waste from washrooms. Wastewater generated from washing, urinals, and bathrooms is efficiently disposed of in soak pits, ensuring safe and environmentally friendly treatment of liquid waste.

Medical Waste Management

The institution prioritizes health and safety by partnering with Laboratory Superb Hygiene Disposal for the disposal of common biomedical waste. This collaboration ensures that all medical waste is handled according to stringent safety standards, minimizing risks associated with hazardous materials.

These facilities reflect the institution's commitment to sustainable practices and responsible waste management, fostering a cleaner and healthier environment for students and staff alike.

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What is Vermicompost?



- Vermicompost is the product of the composting process using various species earthworms, to create a heterogeneous mixture of decomposing vegetable or food waste, bedding materials, and vermicast. This process of producing vermicompost is called vermicomposting.
- Vermicast also called worm humus or worm manure is the end-product of the breakdown of organic matter by an earthworm.
- Vermicast contain a higher saturation of nutrients than do organic materials before vermicomposting.



**DON'T WASTE
SOLID WASTE
RECYCLE IT,
REUSE IT**



Shot on OnePlus
By Prashant Ambekar

Ref.: SHD/NGP/C291/24

Date: 19/02/2024

CERTIFICATE

To Whomsoever It May Concern

This is to certify that, **Department of Microbiology, Dharampeth M. P. Deo Memorial Science College, (Memb.No. NGCL1066) Laboratory of Dr. Akhilesh Peshwe, located at Near Ambazari Lake, Ambazari T-Point, Nagpur** is a regular member of Common Bio-medical Waste Disposal Services up to March 2024.

For, **Superb Hygienic Disposals,**



Authorised Signatory.