



**Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune**

7.1.2: The Institution has facilities and initiatives for Waste Management

The facilities in the institution for the management of the degradable and non-degradable waste

The institution has implemented comprehensive waste management facilities and initiatives to handle both degradable and non-degradable waste effectively:

1. Solid Waste Management:

- **Classroom and Laboratory Waste:** Domestic solid waste generated in classrooms and labs is collected in designated dustbins.
- **Campus Waste:** Additional waste from around the campus is also diligently collected in dustbins.
- **Centralized Collection:** All collected garbage is consolidated at a single collection point.
- **Degradable Waste:** From here, degradable waste is transported to the institution's vermicomposting plant, where it is processed into compost.
- **Non-Degradable Waste:** Non-degradable waste is gathered and picked up by the Municipal Corporation for further processing.

2. Liquid Waste Management:

Domestic Liquid Waste: Liquid waste produced domestically within the institution is collected and directly channeled into the Municipal Corporation's wastewater network, ensuring proper disposal and treatment.

3. E-Waste Management:

Electronic Waste: E-waste, such as old electronic devices and components, is collected and responsibly sold to a certified scrap vendor, adhering to environmental standards.

4. Hazardous Chemicals Management:

Chemistry Lab Chemicals: Hazardous chemicals used in the Chemistry laboratory are meticulously collected in a container. These chemicals are then treated and reused within the laboratory through processes such as distillation and filtration.

Disposal of Non-Reprocessible Chemicals: Chemicals that cannot be purified are diluted safely and disposed of into the washbasin, from where they enter the wastewater pipeline of the Municipal Corporation.

These structured waste management practices underscore the institution's commitment to environmental sustainability and responsible waste handling. By addressing various types of waste — solid, liquid, electronic, and hazardous — the institution not only enhances its operational efficiency but also contributes positively to environmental conservation.



Photo 1: Dustbin in front of classroom and lab



Dustbin in front of college campus



Waste collection outside the college campus



Vermicomposting plant



Chemical collected after practical for recycling