



7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system

Response:

- **Solid Waste Management:** Solid waste is disposed of in the form of paper and plastic, while wet waste is disposed of by students, faculty, staff, and visitors as decomposable leftover food. Food waste is produced by the college's on-campus canteen. The college has a unique feature that turns food waste into compost for the campus's trees and plants. The college has a compost converter machine where two people place the leftover food from the canteen each day, designated for the same task, and the food waste is then automatically turned into compost. The college creates a breakout area where students can unwind and spend some time in nature. Numerous plant species are housed in this breakout zone, which receives compost generated from waste recycling.

The college uses separate trash cans to further separate dry and wet waste. There is education and training regarding waste segregation. The institution's housekeeping department gathers the waste each morning and sends it to BMC (Brihan Mumbai Municipal Corporation) for segregation.

- **Liquid waste management:** The college is located in the center of Bombay. The college generates liquid waste in the form of sewage from its on-campus restrooms and toilets. The college is connected to the Brihan Mumbai Municipal Corporation sewage canals and has an adequate waste disposal system.



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- **Bio Medical waste:** The college does not generate any form of bio medical waste.
- **E-Waste Management:** Every year, the produced e-waste is disposed of in accordance with state government disposal guidelines for Maharashtra. In addition to this drive, the annual production of electronic waste—which takes the form of cables, broken electronics, computers, and outdated projectors—is sold straight to the highest scrap recycling companies.
- **Waste recycling system:** The waste generated such as papers, books, stationary items are sent to scrap dealers for further recycling.
- **Hazardous chemicals and radio active waste management:** The Institution does not generate any form of hazardous or radio active waste.

SUPPORTING DOCUMENTS

❖ ***Breakout zone photos***



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❖ *WasteSegregationcorner*



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❖ *Waterwasterecycling*



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