

7.1.3 Institute practices the waste management including solid waste management, liquid waste management and E-waste management.

Solid waste management

Institute practices the segregation of solid waste and its effective management in the campus. The collected waste is segregated at the source of the generation. The waste bins are placed separately for dry and wet waste at every corner of the corridor, wash rooms and common rooms. The dry waste bins are also placed in laboratories, library, classrooms, etc. The dry and wet waste is handed over to municipal waste collection agency for further treatment. Old newspapers, used papers and journal files, workshop scrap etc. are given for recycling to external agencies.

- Incineration – Incineration of waste materials converts the waste into ash and heat. Most of our college organic wastes are disposed by incinerating.
- Pits – Our College also uses a rubbish pit for solid waste disposal. This helps prevent contamination of water supplies and breeding of flies and rats which may spread disease to people in the community. A rubbish pit reduces unpleasant smells and removes household waste from sight. Rubbish collected is sorted before it is considered for the rubbish pit.
- Compost – Organic materials such as vegetable peelings, etc are used to make compost. Batteries and other toxic waste are avoided as these will contaminate the soil and water sources



Solid Waste Management

Liquid waste management

Our college sewage consists mostly of grey water (from sinks, tubs, showers, dishwashers, and clothes washers), and black water (the water used to flush toilets, combined with the human waste that it flushes away); soaps and detergents which are connected to septic tank through outlet pipes. Lab liquid wastes are allowed to flow towards the garbage disposal around the college canteen. Labs don't contain harmful acids so that no particular waste treatment is necessary. Liquid Waste from the wash rooms is conveyed to the separate soak pit.

E-waste management

Due to advancement in technology, various types of electronic gadgets are being manufactured and marketed. These products become outdated after few months or years. Since these products contain some hazardous materials like lithium, lead, zinc, etc. improper disposal of these products is harmful for living beings. Therefore, management of E-waste is an important issue. E-waste management is done by collecting all the electronic waste generated in the institute premises at a central storage space allocated for the same and sold for intermediary outside the college. Old computers have been kept in an isolated room for disposal.



E-Waste Management