

7.1.3

1. Solid Waste Management:

The waste is generated by all sorts of routine activities carried out in the institute that includes paper, plastic, glass, metals, food, etc.

The cleaning supervisor ensures that the waste on each floor is collected at designated places with proper time intervals. The block/floor housekeepers of each floor collect, clean, and compile the waste in the dustbins provided on each floor. Dust bins are also placed in washrooms, common rooms etc.

College canteen has separate dust bins for biodegradable waste and non-degradable waste. Canteen area has a dumping pit where the biodegradable waste is dumped properly and is converted into compost which is used as manure for garden plants.

2. Liquid Waste Management:

Waste water lines from toilets and bathrooms are drained through closed pipes into a closed septic tank with a gas exhaust.

Separate Storm water lines are provided to collect rainwater and part of storm water is used for rainwater harvesting.

Chemistry lab water outlet is drained into a separate chamber. Here the chemical containing water produced by chemical reaction is neutralized for PH maintenance.

3. E-Waste Management:

Non-working switches, electric cables, monitors, keyboard, mouse, etc. are stored and properly disposed of based upon the by scrap merchants.

E-waste obtained from scrap electronics equipment's in electronics lab and computer lab is sell to scrap vendor who recycle if possible or dispose it. Special care is taken as E-waste contains heavy metals like cadmium, lead, mercury etc.

We have a hardware lab in computer dept. for demonstration of these electronics devices like damaged CUP, Ram, processors, motherboards, printers, scanners etc.

4. Waste Recycling System:

All the rain water falling on the slab of building is collected and this water is stored in to the tank. This stored water is used for building construction and for trees and garden.

One big tank is also constructed behind the Computer Engineering Department which is filled by pebbles, gravel and sand.

All the rain water which is falling on the workshop roof is collected in this tank.

