

Waste Management steps including:

- Solid waste management:
- Liquid waste management:
- E-waste management

Solid waste management

Collection and disposal of old papers and books

The maintains department will collect the old waste papers and stores it in store room. All departments comprise of store room for storing of old papers. In our institution after every academic year the old waste papers are disposed to recycler. The details are given bellow

Waste food management:

The institution has taken a step to minimize the food wastage by providing student attendance percentage to canteens and students should get permission for warden before leaving from hostel. The waste food from the college and the hostel is disposed biogas plant. The biogas plant is located near to the college canteen. The details of gas plant are given bellow.



Biogas plant

Process in biogas plant

For the first time 300 kg of cow dung is mixed with water as per 1:3 ratios and poured into the digester until the digester is 85% full. Later the digester is covered with gas dome and it is kept idle for 20 days as retention period.

Feeding of canteen waste

Once the generation of gas has been started, the digester is fed with canteen waste and water with 1:1 ratio regularly. The volume of gas produced was measured by using standard wet type gas flow meter. The amount of gas produced in 24 hours was measured daily. 1.13 m³ of gas is collected Daily with uniform feeding of kitchen waste. The complete gas can be used for 3hrs 6minutes. The temperature of flame was found to be 750-800⁰ C

Liquid waste management: recycling of waste water

The institution is well equipped liquid waste management. The college consist of four waste water treatment units. The refreshed water is used for the gardening. The details are mentioned bellow





Liquid waste management plant

E-waste management:

All non-usable electronic devices are disposed to recyclers.