



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

CRITERION 7 – Institution Values and Best Practices

Key Indicator - 7.1 Institutional Values and Social Responsibilities

7.1.3. Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste

- **Solid waste management**
- **Liquid Waste Management**
- **Biomedical waste management**
- **E-waste Management**

Institute is surrounded by trees and mountains so it has pollution free environment. To maintain the surrounding clean and green institute, institute has initiated following waste management steps:

a) **Solid waste management**

The waste such as paper, pens, chalk etc. is collected at each floor dustbins. The waste from college is collected by workers.

The waste generated in college canteen is utilized for biogas plant. Canteen is well equipped with biogas plant. 30kg/day left over food waste takes 24 hours to convert into biogas. The bio gas plant is having volume of 2.2m³ and gas holding capacity of 1.68m³. The generated energy is utilized in canteen itself.



Bio Gas Plant

b) Liquid Waste

The waste water from wash basin, urinals, toilets, water cooler etc. is collected in a septic tank of capacity 240000 liter



Liquid Waste System

c) **Bio-medical waste management**

The Bio medical waste generated in the institute is disposed in the institute itself. For girls common room is provided in the college. The girl's common room has a facility of incinerator to dispose sanitary pads.



Incinerator

d) E-waste management

E-waste like memory chips, mouse, cables, compact discs, cartridges, cables, switches etc. is collected in E-waste bin. The collected E-waste is given to authorized dealers for reuse and dispose.



E-Waste Bin