

### 7.1.2

#### **The Institution has facilities and initiatives for \_\_\_\_\_**

- 1) Alternative source of energy and energy Conservation measures \_\_\_\_\_

HEI has alternative sources of energy as the way of energy conservation measures. the college the has maximum LED' bulbs. It uses the electrical equipment's with 4 stars to 5 stars for energy conservation.

- 2) management if the various types of degradable and non-degradable waste.

Solid waste management system- It is including the daily garbage, stationary waste, solid refusals etc., BMC (Brihan Mumbai council) i.e. Municipal Council of Mumbai is the source for solid waste management. the BMC garbage vehicle regularly collects the solid waste, BMC workers then carries it to the & Waste Management ground. There it gets treated and used for recycle systematic recycler.

Liquid waste Management system- It include Lavatory waste, water waste, washroom waste, Toilet waste etc. These all types of liquid waste are carried out by pipe line

System of BMC (Brihan Mumbai municipal Council) the pipelines are perfect way to carry the liquid waste. Every liquid waste is carried by BMC Liquid efficient the liquid waste management on ground works as underground. all liquid waste will be carried out to common treatment plants by BMC. The treated waste is then further recycled and or drained in sea water.

### **3) Water Conservation-**

HEI has the water harvest system. The HEI building has Systematic arrangement of water collecting ducts. These all are ducts are siphoned at points by drainage pipes. Rain water drained to the collecting dust then to siphoning pipes to the water tank at ground level.

Rain water is stored in the water tank. The ground level water tank is connected to water tank of municipal supply of water for 4-5 months the college uses the rain water source, mainly.

Rain water harvesting is best alternative for water conservation.

- 4) **Green initiatives** - the college campus has 20 huge trees over 20 years. As per scientific data, the average tree absorbs an average 10 kilograms of carbon dioxide per day It means to one tree for 20 years absorbed 365 days x 20 yeard x 10kg means 730 tons co.  $CO_1 = 73,000 \text{ kg } CO_2$  means 730 tons co2 it means about 730 tons co2, is absorbed by the 20 trees in the campus. It is the big green contribution by the HEI. Besides that, 08 of shrubs also leads the green corps.

The HEI took active part in plantation in social community. The NSS volunteer of college did plantation activities.

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**5) Disabled friendly, barrier free environment-** HEI has concern for disabled. Institute always take initiative for disabled friendly environment. In the campus, there is ramps, rails, wheel chair, toilet for the disabled.

The library of college is having top open access software for persons with Disabilities.

- 1- Be my Eyes- Connecting visually impaired travelers.
- 2- Dragon Dictation- Communication for the hearing impaired.
- 3- Wat May and Now Nav GPS Accessibility GPS for the visually challenged persons.
- 4- Wheel mate-find wheelchair accessible toilets and parking place

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