

35. Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

The College has devised methods for the management of biodegradable and non-degradable waste generated on the campus using the basic waste management strategies of 3 Rs:

- Reduce
- Reuse
- Recycle & Upcycle

The waste generated on the campus includes solid, liquid and e-waste which are of both degradable and non-degradable in nature and chemical waste. No classified hazardous waste is generated on the campus. The Institution's environmental policy is to minimize waste to safeguard the environment and enhance environmental sustainability.

Solid Waste Management

Solid Waste Management is being given utmost importance and the waste is segregated before it is dumped.

* The college provides nappy vending machines, and incinerators are used to dispose of sanitary napkins in an eco-friendly manner.

* The waste paper generated in the campus and old newspapers from the library are recycled with the help of the NGO- WOW (Wellness Out of Waste). It in turn hands over the same to ITC/BPCL Agency.

* Botany department maintains a vermicompost pit where organic waste generated on campus is transferred. The vermicompost generated is then used as garden fertilizer.

* The use of single use plastic coverings and plastic in the college premises, including the canteen, is strictly prohibited to make the campus plastic-free.

* In the campus, two separate bins are placed at various places to collect non-biodegradable and biodegradable waste (from the canteen) and the Municipal corporation truck will transport it to the nearest waste treatment facility.

Liquid Waste Management

- ◆ The liquid chemical waste that is generated in laboratories is neutralized and disposed of safely.
- ◆ Rainwater from the terrace is diverted into the rainwater harvesting pits
- ◆ The sewage of the campus is disposed through the underground pipelines of HMWSSB and this water is recycled by the municipal corporation for the entire city
- ◆ The college has a proper drainage system in place to ensure that water does not stagnate in the ground or near drinking water facility.

E-Waste Management

To deal with e-waste, our college has an MoU with TSTS, a Telangana Government Enterprise arranged by the Commissionerate of Collegiate Education (CCE), Government of Telangana. The e-waste generated in the campus is disposed of periodically as per the guidelines of the CCE.

Waste Recycling system

- ◆ The wastewater from the RO plant is diluted and utilized for gardening and watering plants
- ◆ Wastewater from the drinking water facility is diverted to water the plants.
- ◆ The paper waste is sent to the recycling facility.
- ◆ Organic waste is composted in the vermicompost pit, and the generated manure is used as garden fertilizer.
- ◆ Non-biodegradable and biodegradable waste are collected and sent to the nearest waste treatment facility.

Paperless office: To limit the use of paper, the institution sends digitalized notices to employees and students to a large extent. The information is shared via emails, WhatsApp, mika system, etc. The college

uses CA&IMS ,an integrated IMS for all the activities in the college.

Any correspondence with CCE is done through e-office only. The teaching diary and attendance are also in digital mode.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

