

**INFORMATION**

**Criteria7 : Institutional Values and Best Practices**

**Key Indicator : 7.1 Institutional Values and Social Responsibilities**

**Metric : 7.1.3**

**Metric Description : 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**

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

The institution has implemented a comprehensive waste management system encompassing various types of degradable and non-degradable waste, including solid, liquid, biomedical, and e-waste, underscored by a steadfast commitment to environmental sustainability and regulatory compliance. With a proactive stance towards waste reduction and recycling, the institution has established stringent protocols to ensure the responsible management of hazardous chemicals and radioactive materials.

Solid waste management is meticulously executed across campuses, maintaining a litter-free environment in adherence to the Government of India's resolution to ban single-use plastics. Designated bins facilitate the segregation of different waste categories, including paper, plastic, glass, metal, and organic matter. Biodegradable waste undergoes composting through composting units and NADEP pits, with kitchen waste utilized for bio-gas generation in select constituent colleges. The disposal of solid waste is facilitated through collaboration with municipal authorities, ensuring effective waste management practices.

Liquid waste management is efficiently conducted through well-maintained drainage systems and sewage handling facilities. The institution has to mostly depend on the use of underground water sources and employ reverse osmosis (RO) systems judiciously to ensure responsible water usage. Awareness campaigns promote the responsible utilization of water resources, complemented by the establishment of sewage collection pits for efficient waste disposal. Wastewater from various campus facilities is channelled to contribute to green spaces through irrigation systems.

In managing e-waste, the institution adheres to government guidelines for responsible disposal, with exhausted batteries exchanged through designated platforms like the GeM portal. Biogas generation from suitable waste materials further underscores the institution's commitment to sustainable practices. Recycling bins strategically placed across campuses facilitate the collection of recyclable materials, such as paper, glass, and plastic, which are then forwarded to local agencies for recycling. Regular awareness programs educate stakeholders on the importance of recycling, fostering a culture of environmental stewardship.

The institution maintains strict protocols for the management of biomedical waste, hazardous chemicals, and radioactive materials, ensuring compliance with regulatory standards. One constituent college employs radioactive sources under the guidelines of the Atomic Energy Regulatory Board. Hazardous waste from chemistry laboratories is handled with utmost caution and disposed of appropriately.

Through these concerted efforts, the institution upholds its commitment to environmental sustainability, waste reduction, and regulatory compliance, fostering a culture of responsibility and stewardship among students, staff, and faculty members. The institution's waste management initiatives serve as exemplars of best practices, contributing to the preservation of our environment and the well-being of future generations.

Details	Supporting Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Geo-tagged photographs of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>