

TARA GOVERNMENT COLLEGE, SANGAREDDY

(AUTONOMOUS)

(ISO 9001:2015 certified)

(District Identified College & District Resource Centre)

(Affiliated to Osmania University & Accredited by NAAC with 'B' grade, 2.75 CGPA)

SANGAREDDY (Dist.), Telangana.



E-mail: pri-gdc-srd-ce@telangana.gov.in

Website: <https://gdcts.cgg.gov.in>

Criterion VII - Institutional Values and Best Practices

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

3. Biomedical Waste Management

Microbial and animal/plants cells that are not hazardous used in experiments in the life sciences labs are disposed of by adhering to bio safety guidelines and by following the authenticated laboratory practices and standards.



Department of Zoology as a part of curriculum every year conducts fish dissection for PG students. The animal waste generated by this is bio degradable and non hazardous.



The fish which was used for dissection in the lab was carefully disposed in the organic fertilizing pit and to avoid odor that fish were covered by soil. This disposed fish will decompose by the natural decomposers present inside the soil. This is non hazardous and by this process the soil will become more fertile with organic and inorganic compounds released by the decomposed bodies.



The department of Botany as part of the curriculum conducts the practicals in the lab, after the practicals the remains of the plant parts are disposed in the vermi compost pits. The gums, oils, latex, resins etc., are some waste products stored in plant parts like barks, stems, leaves etc., they are rich in Bioactive compounds, due the decomposition which is the biochemical process by which bacteria, fungi and other microscopic Organisms break organic wastes into nutrients that can be used by plants and animals and also helps in the production of Biogas Biofuel etc.