

**CHATRAPATHI SIVAJI TRI SATA JAYANTHI
(CSTS) GOVT. KALASALA**

Enter to Learn - Leave to Serve

Jangareddigudem, Eluru Dist

Phone : 08821-225310, Visit us at : www.cstsgkac.in

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WASTE MANAGEMENT POLICY

INTRODUCTION:

CSTS Government Kalasala is dedicated to mitigating its environmental footprint through effective waste management practices. In line with this commitment, the college has formulated a waste management policy to guide its actions. This policy document delineates the strategies for waste reduction, recycling promotion, and compliance with pertinent environmental regulations.

SCOPE:

This policy applies to all teaching and non-teaching staff, students, and activities conducted under the auspices of CSTS Government Kalasala.

OBJECTIVES:

The objectives of this policy are as follows:

- To minimize waste generation within CSTS Government Kalasala and its associated activities.
- To promote the conversion of degradable waste into nutrient-rich compost through vermin composting.
- To encourage recycling and reuse of waste materials.
- To implement initiatives such as "No Plastic Day" and "No Vehicle Day" to reduce environmental impact.
- To ensure adherence to all relevant environmental legislation and regulations.
- To foster a culture of sustainable waste management practices among staff and students.

POLICY:

Waste Reduction: CSTS Government Kalasala will endeavor to minimize waste production by implementing the following measures:

- a) Transforming degradable waste into compost through vermin composting.
- b) Adopting a reduce, reuse, and recycle approach to waste management.
- c) Limiting the use of single-use items like plastic bags, plates, and cups.
- d) Promoting the use of reusable bags and water bottles.
- e) Embracing a paperless approach to office operations where feasible.
- f) Ensuring regular maintenance and repair of equipment to prolong its lifespan.

RECYCLING:

The college will promote recycling by:

- Encouraging the utilization of recycled materials.
- Ensuring the safe disposal of non-degradable waste in compliance with relevant regulations.

COMPLIANCE:

CSTS Government Kalasala will adhere to all pertinent environmental legislation and regulations, including the Hazardous Waste Regulations.

The college will also ensure that all staff and students are familiar with their obligations under these regulations.

RESPONSIBILITIES:

All teaching, non-teaching staff, and students of CSTS Government Kalasala are responsible for:

- Minimizing waste generation.
- Following waste management procedures and guidelines.

CONCLUSION:

CSTS Government Kalasala remains steadfast in its commitment to environmental stewardship through sustainable waste management practices. This policy articulates our approach to waste management, objectives, and the measures we will undertake to achieve them. We expect full compliance from all staff and students to support our efforts in waste reduction and recycling promotion.


Principal
CSTS Govt. Kalasala
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Management of the various types of degradable and non degradable waste

The institution has a centralized, transparent and well-planned waste management system. The institution has predetermined systems of managing different types of waste.

- 1. Solid Waste Management** - Solid waste is generated mainly from three sources from the college: examination, library, and office. The paper waste generated from examination and library are disposed through the Paper waste vendor. These paper vendors sell it to the agencies which manage the process of recycling. Metal scrap generated is sold to metal casting companies through scrap dealers.

Decomposable and non-decomposable wastes are segregated. The biodegradable waste is filled in composters and non-degradable waste is disposed of by Municipal workers. The institution encourages students to use recyclable plastic bags and bottles.

Liquid waste management - The wastewater collected from RO water system is collected in a separate tank and lifted to Over Head Tank to use for hand wash, toilets and gardening. However, there is a probable source identified which may generate bio-medical waste.

Incinerator for Sanitary and Hazardous Waste:

- To manage non-biodegradable and sanitary waste, the college has installed an incinerator. This incinerator is used for safely disposing of sanitary napkins, medical waste, and other hazardous materials, ensuring these items do not contaminate the environment.
- The incinerator reduces the volume of hazardous waste through controlled burning, thereby eliminating the risk of pollution and disease spread. This method of waste disposal is critical to maintaining hygienic conditions on campus.
- **Impact:** The incinerator ensures the safe disposal of waste that cannot be composted or recycled, maintaining campus cleanliness and promoting public health. It has drastically reduced the risk of contamination and environmental hazards caused by improper disposal of hazardous waste.

Environment and Sustainability: The water waste which is free from detergents is used for watering the plants.

Hazardous chemicals and radioactive waste management - No such waste is generated by the college.

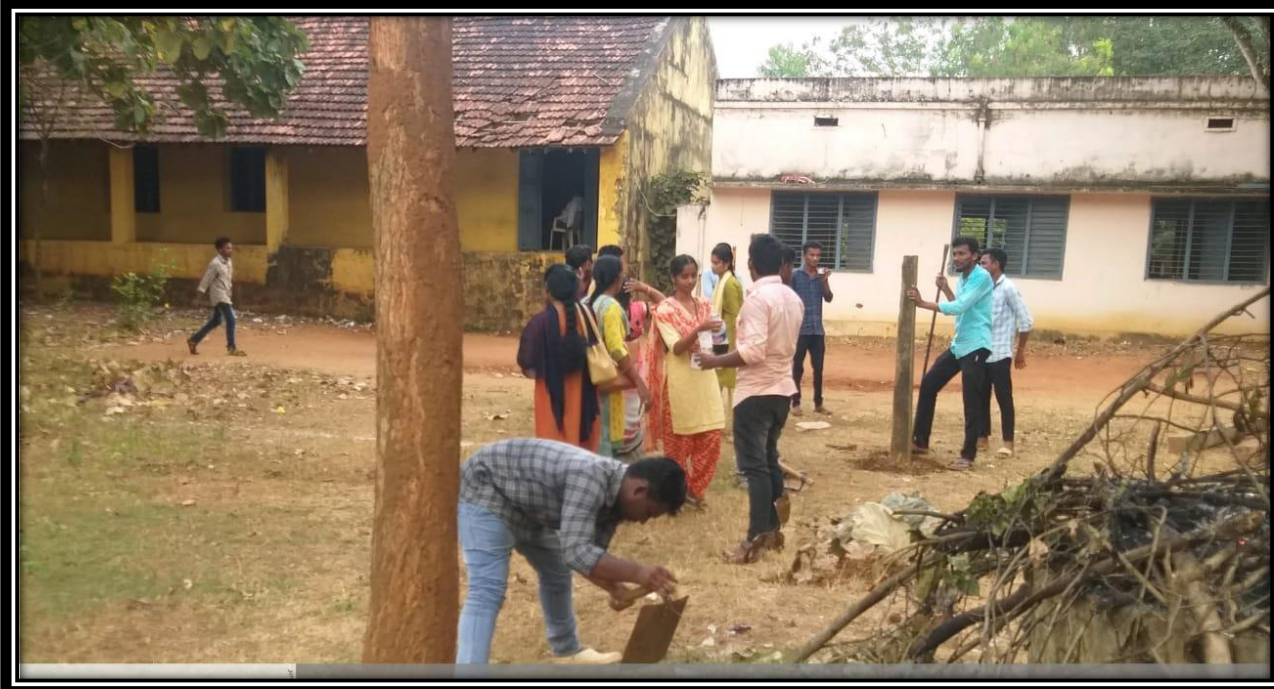
2. Management of the various types of Degradable and non-Degradable waste:

Management of waste is always challenging. Regarding the issue of Solid Waste Management, we the C.S.T.S Degree College have a procedure. The solid waste found in the classrooms and Different wings of the college is placed in the dustbins. After gathering and keeping it, we take help from the Municipal workers in order to clear the trash heaps.

We clear them at regular intervals. To keep the premises clean, the NSS unit and its volunteers extend their cooperation



Principal
C.S.T.S. Govt. Kalasala
Jangareddigudem, -



INCINERATOR





12-10, near GOVT DEGREE COLLEGE, Jangareddigudem, Andhra Pradesh 534447, India



Jangareddigudem
Andhra Pradesh
India

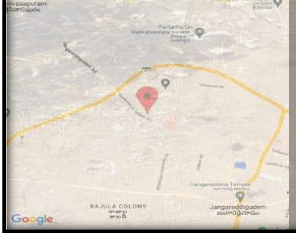


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VERMI COMPOST



WATERING TO VERMI COMPOST



VERMI COMPOST



Harvesting of Vermicompost



REVERSE OSMOSIS WATER PURIFICATION PLANT

