

CHATRAPATHI SIVAJI TRI SATA JAYANTHI (CSTS) GOVT. KALASALA



Enter to Learn - Leave to Serve

Jangareddigudem, Eluru Dist

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

E-Mail : jangareddigudem.manatv@gmail.com



CLEAN AND GREEN CAMPUS INITIATIVES

Measures for Proper Treatment, Disposal, and Recycling

a. Vermicomposting for Organic Waste:

- **Treatment:** Organic waste generated on campus, such as food scraps, plant material, and biodegradable matter, is collected and processed using vermicomposting. Earthworms are used to break down the organic material into nutrient-rich compost.
- **Disposal:** The compost is used as a natural fertilizer in the college gardens, improving soil quality without chemical fertilizers.
- **Recycling:** This closed-loop system allows organic waste to be recycled into a valuable resource, contributing to the growth of greenery on campus and reducing landfill waste.

b. Incineration for Sanitary and Hazardous Waste:

- **Treatment:** An incinerator is used to safely treat sanitary waste (e.g., sanitary napkins) and hazardous materials that cannot be composted or recycled.
- **Disposal:** The incinerator reduces waste volume by converting it to ash, which is easier to manage and prevents environmental contamination.
- **Recycling:** Though incineration doesn't recycle the waste, it provides a responsible method for dealing with non-recyclable, hazardous waste, ensuring hygiene and safety on campus.

c. Waste Segregation for Efficient Recycling:

- **Treatment:** The college has implemented a waste segregation system with color-coded bins for degradable (organic), non-degradable (inorganic), and hazardous waste. This ensures that waste is sorted at the source for easier processing.
- **Disposal:** Degradable waste goes to vermicomposting or composting pits, while non-degradable waste, such as plastics and metals, is collected separately.
- **Recycling:** Non-degradable waste is either recycled on campus or sent to certified local recycling centers. Metals, plastics, and paper are collected in bulk and processed through recycling partnerships, minimizing landfill use.

d. E-Waste Management Initiative:

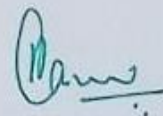
- **Date of Implementation:** 29th March 2022
- **Treatment:** Obsolete and broken electronic devices (computers, monitors, peripherals) are separated from regular waste streams and placed in special e-waste bins.
- **Disposal:** Collected e-waste is not discarded irresponsibly but instead sent to certified e-waste recyclers who follow environmentally safe disposal practices.
- **Recycling:** E-waste recyclers recover valuable materials like gold, silver, and copper from the electronic devices, while harmful toxins are neutralized to prevent environmental pollution. This practice emphasizes recycling and material recovery, aligning with global sustainability goals.

- **E-Waste Collection by Earth Sense Recycle Pvt. Ltd.:**

On 05/05/2023, Earth Sense Recycle Pvt. Ltd., Hyderabad collected 860 kgs of e-waste from the college. This e-waste included old computers, monitors, and peripherals, which were processed for recycling, ensuring that hazardous materials were safely disposed of, and valuable materials were recovered.

e. Solid Waste Transfer to Municipality:

- **Treatment:** Solid waste that cannot be composted, recycled, or incinerated is collected in dedicated bins and monitored to prevent over-accumulation.
- **Disposal:** This waste is regularly transferred to the local municipality's waste management system for proper treatment and disposal.
- **Recycling:** Where possible, the municipality recycles a portion of the solid waste. By working with the local government, the college ensures responsible disposal beyond the campus.



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



Earth Sense Recycle Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 & R2v3 Certified Company
No.37, TSIC Industrial Park, Manikhal(V), Maheshwaram Mandal,
Ranga Reddy District, Hyderabad, Telangana-501 359.

Date: 05.05.2023
Ref. No.: ESRPL/DEST/2023-24/HYD004
PCB Reg: 4-TSPCBE-WASTE/2019-1675
CIN: L17499FTN200RPLC066802

This is to certify that **Earth Sense Recycle Pvt. Ltd.**, has undertaken the rights and ownership of the end of life electronic equipments considered of 860.000 Kgs

from M/s. Chatrapathi Sivaji Tri Sata Jayanthi [CSTS]Government Kalasala,

Jangareddygudem, Eluru Dist,

West Godavari, AP - 534447.

The above said quantity has been processed in an environmental friendly manner in accordance with the guidelines set by the State Pollution Control Board/Committee at our **Hyderabad** facility. By recycling the aforesaid material, both the companies are ensuring their social responsibility.



Recycling for a
greener planet

Earth Sense Recycle Pvt. Ltd.

Dr. S. John Robert
Chief Executive Officer

EARTH SENSE RECYCLE PRIVATE LIMITED

Continuation Sheet

Ref: ESRPL/DEST/2023-24/HYD004

Date of material procured: 18.04.2023

Address:

M/s. Chatrapathi Sivaji Tri Sata Jayanthi [CSTS]Government Kalasala,
Jangareddygudem, Eluru Dist,
West Godavari, AP - 534447.

S.No.	Particulars	Qty in Nos.	Weight in Kgs.
1	LCD Monitor/UPS/Projector/Printer/SMP/S/Modem/Lead Battery & Mixed Cable	-	247.000
2	CPU Cabinet/CRT Monitor/Keyboard/Mouse/Head Phone	-	595.000
3	Packing Box/Toner Cartridge	-	18.000
	Total	-	860.000

Date of disposal procedure completed - 05.05.2023

The total quantity recycled 860.000 kgs.

for Earth Sense Recycle Pvt. Ltd.,

for Dr. S. John Robert
CEO



2/3

INCINERATOR





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

Jangareddigudem
Andhra Pradesh
India



31°C

88°F

2024-02-28(Wed) 10:28(am)



12-13 NRAR GOVT DEGREE COLLEGE, Jangareddigudem, Andhra Pradesh 534447, India

Jangareddigudem
Andhra Pradesh
India



31°C

88°F

2024-02-28(Wed) 10:22(am)

VERMI COMPOST

