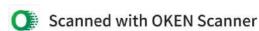
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Appropriate measures taken for proper treatment, disposal and recycling procedures



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HEI Response for appropriate measures taken for proper treatment, disposal and recycling procedure

#### The major solid, liquid and e-waste generated in college are following:

- (i) Food waste from Mess/ Canteen
- (ii) Waste from toilet and washroom
- (iii) E-waste
- (iv) Waste water from chemistry lab
- (v) Routine waste from daily cleaning and sweep

#### Proper treatment, disposal and recycling procedure for food waste from Mess/ Canteen:

#### 1. Segregation and Collection:

- Dedicated Bins: Establish separate bins for food waste, ensuring it's kept away from other waste types.
- Regular Collection: Implement a regular schedule for collecting food waste to prevent spoilage.

#### 2. Pre-Processing:

• Sorting: Separate food waste into categories like vegetable scraps, fruit peels, and leftover food.

#### 3. Composting:

• Food waste from mess are disposed to the farm yard chamber from where after conversion it to manure, it is used in garden and farms.

Food Waste Reduction: Implement strategies like portion control, accurate forecasting, and efficient storage to minimize food waste generation.

#### Proper treatment, disposal and recycling procedure for waste from toilet and washroom:

Waste from toilet and washroom are drained into sewage tank, from where with the help of biodegradable enzymes it is treated and exhausted gases are released through exhaust pipe and water I drained to waste water chamber

DIRECTOR

GGSESTO Kendra Chas
Part 127913

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## GURU GOBIND SINGH EDUCATIONAL SOCIETY'S

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#### Proper treatment, disposal and recycling procedure for c-waste:

For e-waste management, we have signed MoU with Hulladek recycling pvt. Ltd. We have installed e-waste collection bin and had collected 613.1kg of e-waste. This waste is handed over to Hulladek recycling pvt. Ltd and have received certificate of ecofriendly recycle.

### Proper treatment, disposal and recycling procedure for Waste water from chemistry lab:

- Waste water from chemistry lab undergoes through pre-treatment chamber and then it is drained
- If the treated wastewater meets safety standards, it is disposed of via the regular sewer system
- If the water is not contaminated with harmful chemicals, it is reused for non-critical lab activities, such as cleaning or rinsing non-sensitive equipment, to reduce overall water consumption.
- Reduction in the use of hazardous chemicals and solvents to generate less contaminated wastewater.

## Proper treatment, disposal and recycling procedure for routine waste from daily cleaning and sweep

- Sweepings and dust are usually discarded discarded based on local waste regulations.
- Opt for reusable cleaning cloths instead of disposable wipes or paper towel
- Ensure that cleaning staff or individuals performing the cleaning understand waste segregation and recycling guidelines.

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#### Gram Panchayat's report

उपेन्द्र पाण्डेय

पंचायत समिति सदस्य ग्राम पंचायत काण्ड्रा-41 प्रखण्ड-चास (बोकारो)



आवासीय काराष्ट्रियः -ग्राग-काण्ट्रा, पो०-कुरा भियर बेंक ऑफ इंग्डिया थागा-पिण्ट्राजीरा, प्रसण्ड-वास जिला-बोंकारो (स्रारखण्ड) पिन कोड-827013

मो० : 7209523484, 9470188702

दिनांक: 25.11.2024...

чаја: 71/24

#### प्रमाण-पत्र

गुरु गोविन्द सिंह एजुकेशनल सोसाईटी टेक्निकल कैंपस, ग्राम पंचायत — काण्ड्रा, अंचल— चास, जिला—बोकारों ने अपने छोस व तरल उत्पारित कचड़ों का निष्पादन नियमानुकूल प्रकार से करता आ रहा है। विगत् कई वर्षों से यह कार्य निष्पादन सहानुभूतिपुर्वक, शांतिपुर्वक निभाया जा रहा है जिसमें ग्रामवासी एवं ग्राम पंचायत के लोगों द्वारा किसी प्रकार का कोई अवरोध नहीं है।

पंचायत समिति सदस्य ग्राम पंचायत काण्डा-41 प्रखण्ड-चास (योकारो)



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Separate bin for collecting different category of waste



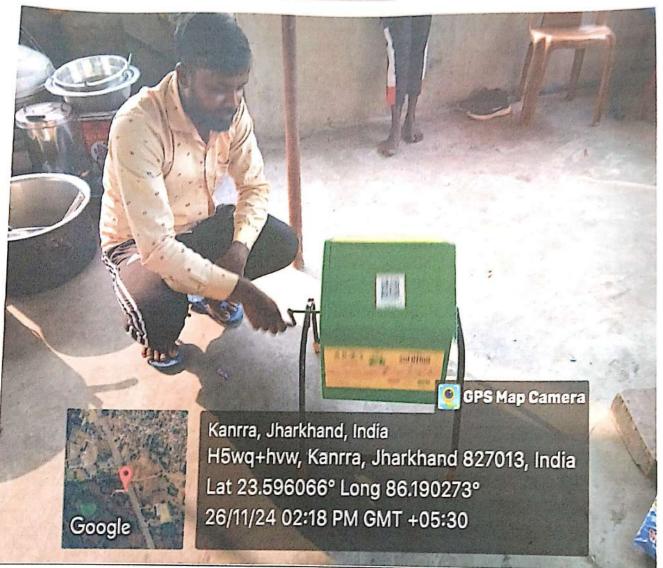






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#### Composting machine







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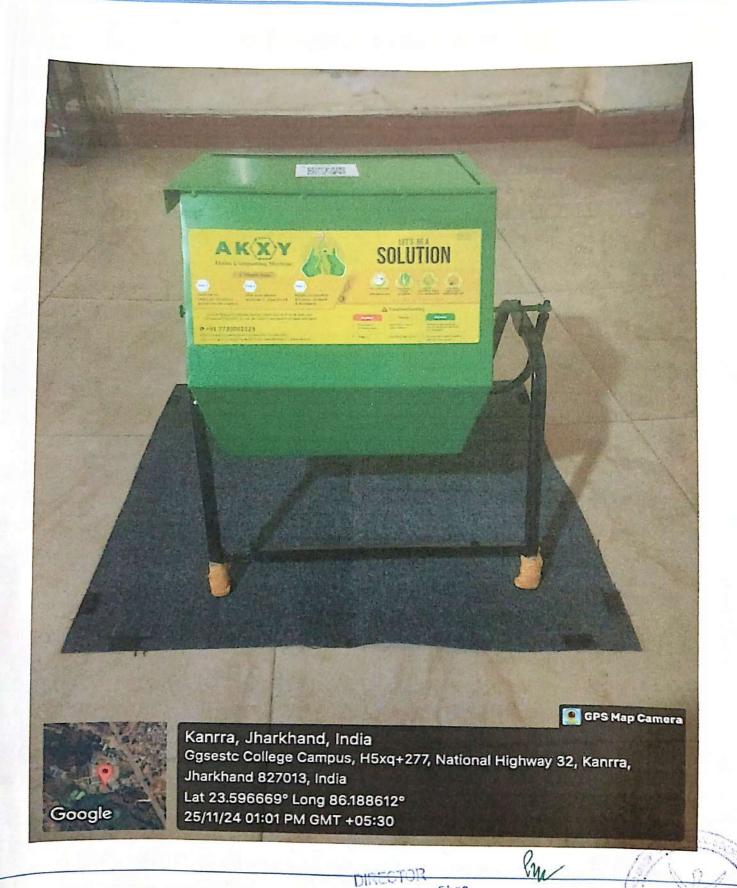








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#### Annual requisitiokn for proper use of resources



#### GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS KANDRA (V), CHAS - 827013, BOKARO GHARKHAND)

Ref. No.- Notice/067/2020

Date -17/06/2020

#### NOTICE

All HODs and Sectional Heads of this Institute are directed to submit annual requirements for the session 2020-2021 such as stationary items, electrical maintenance, sanitary maintenance cleaning items, labs, sports materials, Xerox machine and colour machine toner requirements and maintenance paints, computer hardware, ply boards, sunmica, fevicol etc.

These requirement lists is to be submitted to store for compilation within 22<sup>nd</sup> June, 2020. Details of material used last year (2019-2020) may please be given in the format below:

Sl. No. Description of Items Amount Supplier Name

GGSESTC, Bokaro

Copy to:

Technical Advisor i)

Dean (Academic & Administration) ii)

All HODs & HOS iii)

Store Incharge iv)

Caretaker

ADDRESS: KANDRA (V), CHAS, BOKARO - 827013, JHARKHAND, INDIA.

PHONE:06542-265293, FAX: 06542-265346 E-MAIL:info@ggsestc.ac.inWebsite: www.ggsestc.ac.in

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#### Notice for proper use of energy resorces

## GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS KANDRA (V), CHAS - 827013, BOKARO (JIJARKIJAND)

Ref. No.- Notice/082/2020

Date -30/07/2020

#### NOTICE

This is hereby informed to all the faculties and staffs of GGSESTC that as a cost cuttir measure, the fans and lights are to be used judiciously. Whenever they are leaving the workplace, they are directed to switch off the fan and light.

Pirector

GGSESTC, Bokaro

Copy to:

- i) Technical Advisor (for information)
- ii) Dean. Academic & Administration
- iii) Dean. Research and Development
- iv) All Staff Members

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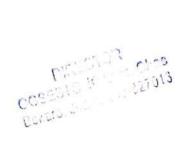
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Manure used for gardening prepared from food waste



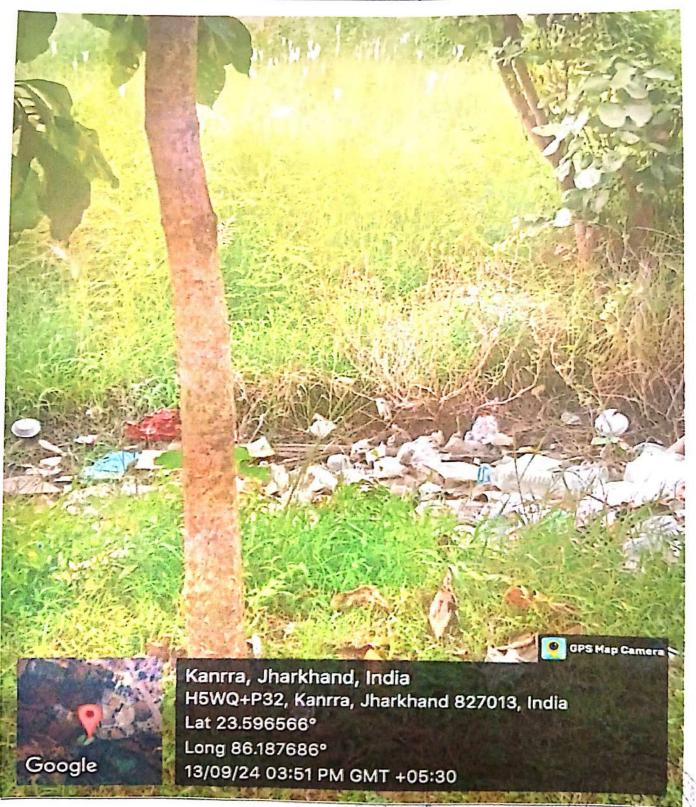






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Land fill for solid waste disposal





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Awareness program





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#### Cleaniness drive







169-19+

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#### Well ventilated chemistry waste treatment chamber





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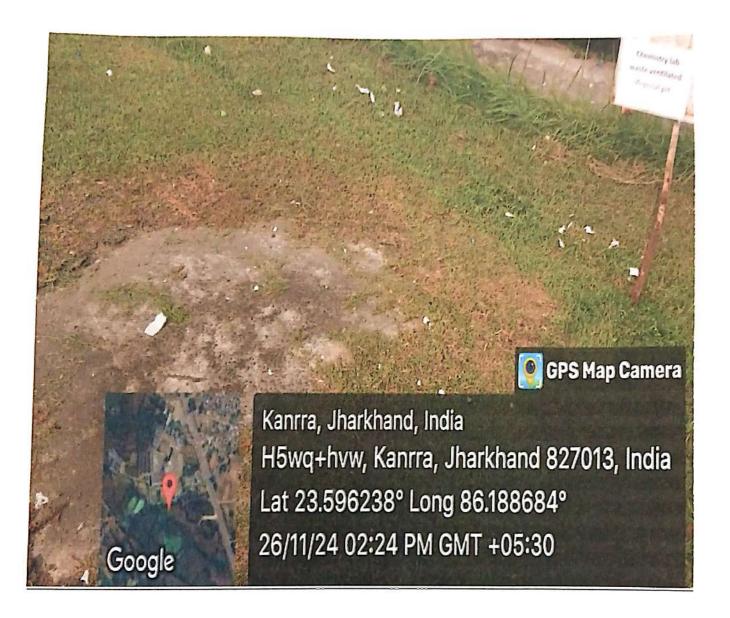
PHONE:06542-265293, FAX: 06542-265346 E-MAIL:info@ggsestc.ac.inWebsite: www.ggsestc.ac.in





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#### Well ventilated chemistry waste disposal chamber

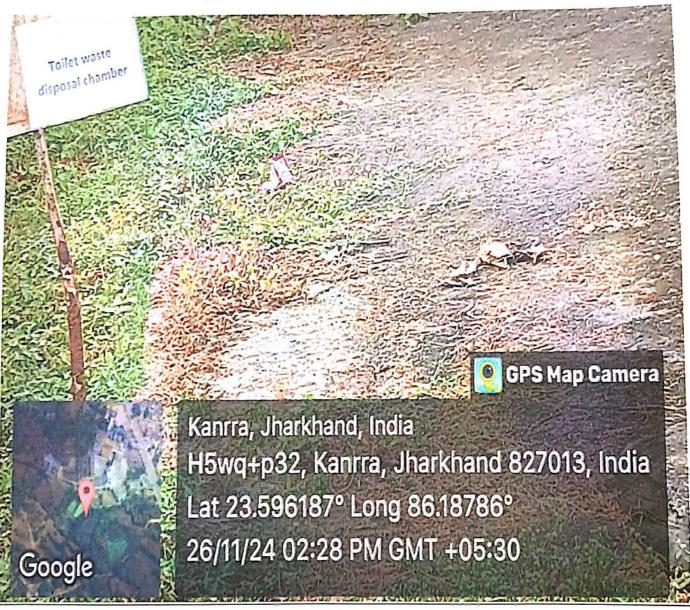


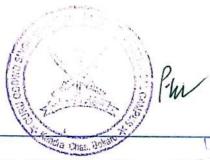


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#### Well ventilated toilet waste disposal chamber





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Reusable wipes and cleaning clothes used for cleaning

