



GOVERNMENT DEGREE COLLEGE, RAYACHOTY, YSR KADAPA DISTRICT, A.P.516269



(Accredited with C grade by NAAC)

Dr. P. HARSHALATHA, M.Sc., M.Phil., Ph.D.
PRINCIPAL

E-Mail Id: rayachoti.jkc@gmail.com
Website: www.gdcrayachoty.ac.in

7.1.2: The Institution has facilities and initiatives for

2. Management of the various types of degradable and nondegradable waste

- A. Degradable Waste Management (Vemi Compost)
- B. Non-Degradable Waste Management (E-Waste Disposal)

A. Degradable Waste Management (Vermi Compost)





GOVERNMENT DEGREE COLLEGE, RAYACHOTY, YSR KADAPA DISTRICT, A.P.516269



(Accredited with C grade by NAAC)

Dr. P. HARSHALATHA, M.Sc., M.Phil., Ph.D.
PRINCIPAL

E-Mail Id: rayachoti.jkc@gmail.com

Website: www.gdcrayachoty.ac.in

Waste Management Policy

Implementation of environmental conservation and management system is of no doubt the solution to the major problems that are currently faced when it comes to proper disposal of waste and management. Waste management is the collection, transport, processing (waste treatment), recycling or disposal of waste materials.

The Government Degree College, Rayachoti is follows sustainable waste management system to prevent environmental pollution and provide safe and healthy teaching and learning environment for staff and students. Mainly the college wastage is segregate into Bio-degradable waste, non-Biodegradable waste and e-waste. Biodegradable waste convert into a value added environmentally friendly product like compost. Non-Biodegradable waste is handed over to Municipality waste collect vehicle and e-waste is disposal as per Commissionerate of Collegiate Education, Vijayawada proceedings guidelines.

Objectives:

- The main objective of this policy is a sustainable system that will help maintain and conserve the environment thus preventing pollution and other possible sequent effects.
- To Provide a fast and proper environmental management and conservation system.
- Prevent severe health conditions that might be as a result of environmental pollution.
- Create environmental awareness, waste minimization and promotion of reuse.
- Waste Conservation and Management initiatives

Segregation of waste into Biodegradable and nonbiodegradable from the separately allotted dustbins is done in strategic locations, thus maintaining the Campus clean and Eco- friendly.

- ❖ Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- ❖ Segregated into organic waste is used to prepare compost for in-house consumption compost produced in Vermi compost project in college campus
- ❖ A stack of paper that has been printed on one side and use it for day today rough paper work
- ❖ Maximize use of paperless technology i.e., sharing of data /Lecture notes on google classroom, e-mail, and e-Office etc.




PRINCIPAL
Govt. Degree College
Rayachoty.

Introduction:

- Vermicomposting is the process of using various species of worms, particularly red wigglers, white worms, and earthworms, to decompose organic waste and convert it into nutrient-rich compost.
- This natural and eco-friendly method involves the breakdown of organic matter such as food scraps, vegetable peels, leaves, and other biodegradable materials through the worms' digestive system.
- The end product, known as Verme cast or worm castings, is an excellent organic fertilizer that enhances soil structure, promotes microbial activity, and boosts plant growth.

OBJECTIVES :

- To utilize the wastes for the preparation of compost by using Earthworms.
- To provide more knowledge to the students, in the field of Verme culture and vermicomposting.
- To enhance the skills of students by hands on experiment.
- To give knowledge about the importance of earthworms in the agriculture sector to the students.
- To provide an opportunity to the students, to gain knowledge about the maintenance of vermicomposting unit.

Purpose:

- The basic purpose of Verme culture is to produce vermicomposting.
- To supply vermicomposting to the local farmers at low cost.
- To maintain clean and green in the campus by utilizing the waste leaves and other biodegradable materials.
- Earthworms eat organic waste and break down into smaller molecules.
- This allows microorganisms to quickly break down organic debris and create nutrients, allowing for rapid decomposition.
- Soil microorganisms provide nutrients that make the soil more productive for plants.
- Thus, earthworms assist in the environmentally friendly decomposition of organic waste.

Features of Vermicomposting:

- 1. Sustainable Waste Management:** Vermicomposting provides an effective way to manage organic waste, reducing the volume of trash sent to landfills.
- 2. Nutrient-Rich Compost:** Verme cast contains essential nutrients like nitrogen, phosphorus, and potassium, which are beneficial for plant health.
- 3. Eco-Friendly Process:** Unlike chemical fertilizers, vermicomposting does not harm the environment and supports biodiversity in the soil.
- 4. Low Maintenance:** The process requires minimal space and equipment, making it accessible for households, farmers, and urban gardeners.

Process:

- 1. Setting Up a Verme compost Bin:** A simple bin with proper aeration and drainage is prepared and filled with bedding material such as shredded paper or leaves.
- 2. Adding Worms and Waste:** Worms are introduced to the bin, along with food scraps and organic waste, which the worms feed on and decompose.
- 3. Monitoring the Environment:** Worms thrive in a moist, dark environment with moderate temperatures, so regular monitoring is required to maintain the bin conditions.
- 4. Harvesting the Compost:** After a few months, the Verme cast produced by the worms can be harvested and used in gardens or potted plants as a natural fertilizer.





PRINCIPAL
Govt. Degree College
Rayachoty.



 **GPS Map Camera**

Rayachoty, Andhra Pradesh, India
Kadapa, NH-18, Kurnool Chittoor Highway,
Rayachoty, Gurrappagari Palli, Rayachoty,
Andhra Pradesh 516269, India
Lat 14.038415°
Long 78.749051°
27/02/23 05:08 PM GMT +05:30




 **GPS Map Camera**

Rayachoty, Andhra Pradesh, India
Kadapa, NH-18, Kurnool Chittoor Highway,
Rayachoty, Gurrappagari Palli, Rayachoty,
Andhra Pradesh 516269, India
Lat 14.038456°
Long 78.749092°
27/02/23 04:40 PM GMT +05:30






 **GPS Map Camera**



Rayachoty, Andhra Pradesh, India
Govt Degree College Shyamalavari Palli, Kadapa - Chittoor Hwy, Gurrappagari Palli,
Rayachoty, Syamalavaripalle, Andhra Pradesh 516269, India
Lat 14.038698°
Long 78.749276°
18/04/23 11:23 AM GMT +05:30



 **GPS Map Camera**



Rayachoty, Andhra Pradesh, India
Govt Degree College Shyamalavari Palli, Kadapa - Chittoor Hwy, Gurrappagari Palli,
Rayachoty, Syamalavaripalle, Andhra Pradesh 516269, India
Lat 14.038698°
Long 78.749276°
18/04/23 11:24 AM GMT +05:30

B. Non-Degradable Waste Management (E-Waste Disposal)

GOVERNMENT DEGREE COLLEGE, RAYACHOTI

Date: 28-03-2022

Circular

Subject: Inauguration of E-waste recycling at Government Degree College, Rayachoti

This is to inform all faculty, staff, and students about the upcoming inauguration event presided over by Principal Dr. Harsha Latha Pankaj. All faculty, staff, and students are requested to attend and contribute to making this event a success.

Details of the Event: E-waste Recycling

Date: 29-03-2022

Time: 10:00 AM

Venue: College Premises, Government Degree College, Rayachoti

We look forward to your active participation in this significant milestone for our college.



Dr. Harsha Latha Pankaj
Principal

Government Degree College, Rayachoti

Principal
Govt. Degree College
Rayachoti.

[Handwritten signature]

[Handwritten signature]
[Handwritten signature]

[Handwritten signature]
[Handwritten signature]



GOVERNMENT DEGREE COLLEGE, RAYACHOTY, YSR KADAPA DISTRICT, A.P.516269



(Accredited with C grade by NAAC)

Dr. P. HARSHALATHA, M.Sc., M.Phil., Ph.D.
PRINCIPAL

E-Mail Id: rayachoti.jkc@gmail.com
Website: www.gdcrayachoty.ac.in

E-WASTE MANAGEMENT

Vision:

To foster an eco-friendly and sustainable campus environment by promoting responsible e-waste management practices, minimizing environmental impact, and raising awareness among students, faculty, and the community on the importance of e-waste recycling and sustainability.

Mission:

To implement efficient e-waste management practices that not only reduce the harmful effects of electronic waste on the environment but also educate and engage the college community in sustainable e-waste disposal and recycling efforts, in alignment with environmental regulations and ethical standards.

Objectives:

1. Reduce E-Waste Generation:

- To promote the use of durable, eco-friendly electronics.
- To encourage repair, reuse, and responsible consumption of electronic devices to minimize waste.

2. Proper Disposal and Recycling:

- To establish a systematic and safe e-waste collection and recycling program on campus.
- To collaborate with authorized e-waste recyclers for the safe and environmentally sound disposal of electronic waste.

3. Awareness and Education:

-To organize seminars, workshops, and campaigns to educate students and staff about the environmental hazards of improper e-waste disposal.

- To integrate topics of e-waste management and sustainability into academic courses and extracurricular activities.

4. Compliance with Regulations:

- To ensure compliance with national and international e-waste management laws and regulations.

-To regularly monitor and audit e-waste management practices to ensure continuous improvement and adherence to environmental standards.

5. Community Engagement:

-To extend e-waste awareness campaigns to the local community to promote proper disposal methods beyond the campus.

-To Host regular e-waste collection drives that are accessible to both the college and the surrounding community.

This framework will guide the college in creating an environmentally conscious culture while maintaining compliance with NAAC and environmental regulations.




PRINCIPAL
Govt. Degree College
Rayachoty.

PROCEEDINGS OF THE COMMISSIONER OF COLLEGIATE EDUCATION
AP::VIJAYAWADA
Present: Sri Pola Bhaskar, IAS.

Re.No:01/Acad.Cell-Policies/A.C-6/2022

Date: 29-03-2022.

Sub: Collegiate Education – disposal of old and unserviceable Lab Material,
Furniture, books, etc., in the Government Degree Colleges – Certain
Guidelines for disposal/condemnation– Issued

All the Principals of Government Degree Colleges (GDCs) in the State are informed that it is the primary duty of the head of the institution to create good ambience to the students, staff and public. The unserviceable / old Lab Material, Furniture, Books etc., should be removed from the institution for creating a good hygienic atmosphere in the premises.

In this connection all the principals of GDCs are informed that a College Level Evaluation Committee shall be constituted for verification and to list-out books, materials/items like broken chairs, tables, doors windows, old electrical items, equipment, Lab material and papers etc., pertaining to the colleges which were purchased not less than 10 years before. The College Level Committee shall be constituted with the following members:

- 1) Principal
- 2) Two Senior Lecturers
- 3) Administrative Officer/ Superintendent
- 4) Two student representatives

The College Level Committee shall perform the following functions:

- I. To classify the items into the following Two (2) categories:
 - a) Items/Materials which can be repairable – these items can be taken-up for repairs with internal funds by taking a resolution in the Staff Council by following due procedure as per the existing norms.
 - b) Non-repairable/Unserviceable Items/Materials recommended for condemnation may be disposed through auction
- II. To protect antique equipment, rare books and manuscripts
- III. The College level Committee will act as Evaluation and Auction Committee also.
- IV. To consolidate the list of condemnable items after receiving the list from the

Procedure for disposal/condemnation:

The items which are classified/ identified by the College Level Evaluation and Auction Committee shall be approved in the Staff Council and ratified by the principals of GDCs in DRC. Subject to such approval, the condemnation /disposal process is as follows:

- 1) Condemned Furniture/Books/Lab Material etc., cost less than Rs.20,000/- may be disposed through auction.
- 2) Condemned Furniture/Books/Lab Material etc., the cost of which exceeds Rs.20,000/- to Rs.1,00,000/- shall be disposed through quotations.
- 3) The amount received shall be credited into respective college CPDC account.

After disposing the items as per the above procedure, an entry shall be made in the respective stock registers of the Non-repairable/Unserviceable items as "Condemned" against each item in a separate column along with the particulars of staff council resolution Number and date.

The Principals are informed to follow the above process scrupulously and any deviation will be viewed seriously and action will be taken accordingly.

Sd/- Pola Bhaskar IAS
Commissioner of Collegiate Education

To
The Principals of all Govt Degree Colleges
Identified College Principals
RJDCes of Rajahmundry, Guntur and Kadapa.

//ATTESTED//

Indu
29/3/22
Academic Guidance Officer



Rayachoty, Andhra Pradesh, India
Govt Degree College Shyamalavari Palli, Kadapa - Chittoor Hwy, Gurrappagari Palli,
Rayachoty, Syamalavaripalle, Andhra Pradesh 516269, India
Lat 14.039434°
Long 78.749289°
29/03/2022 04:32 PM GMT +05:30



Rayachoty, Andhra Pradesh, India
Govt Degree College Shyamalavari Palli, Kadapa - Chittoor Hwy, Gurrappagari Palli,
Rayachoty, Syamalavaripalle, Andhra Pradesh 516269, India
Lat 14.039434°
Long 78.749289°
29/03/2022 04:33 PM GMT +05:30



GOVERNMENT DEGREE COLLEGE , RAYACHOTY, ANNAMAYYA DIST.

Rc.No.:A1/E.Waste/2022-23

Dated : 23-01-2023

To

Sri Nithin,
Earthsense Recycle Private Limited,
Plot No. 37, TSHC Industrial Park, Mankal [V],
Maheswaram [M], Raugareddy District,
Telangana - 501 359.

Sir,

Sub :- GDC, Rayachoty , Annamayya District – Disposal of E.Waste as per the instructions of the Commissioner of Collegiate Education, AP., Vijayawada – Handover of E.Waste Material to Earthsense Recycle Pvt. Ltd., Hyderabad – Regarding.

Ref :- Proceedings of the Commissioner of Collegiate Education, AP, Vijayawada, Vide Rc.No. 02/Acad.Cell-Polities/A.C.-6/2022, dated : 29-03-2022.

In pursuance of the proceedings cited above, where in instructions have been given for disposal of E.Waste, I have handed over the E.Waste relating to our college to Sri S. Venkatesh, C/o Earthsense Recycle Private Limited, Hyderabad subject to the production of Form-6 of your company.

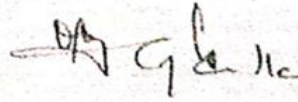
The list of E.Waste relating to this college is also enclosed with this letter and also in connection with or college is going for second cycle of NAAC accreditation to collaborate with this college for E.Waste Management for the year 2021-22 and 2022-23.

Thanking you,


Encls: List of E.Waste Material.

*Received above material
23/1/23*

Yours faithfully,



PRINCIPAL
Govt. Degree College
Rayachoty.



PRINCIPAL
Govt. Degree College
Rayachoty.



| SNO | NAME OF THE ITEM | COMPANY NAME | NO. OF ITEMS |
|-------|--------------------------|-----------------|--------------|
| 1 | HP DS 1024 COLOR PRINTER | HP | 1 |
| 2 | MONITOR | WIPRO | 2 |
| 3 | MONITOR | HCL | 20 |
| 4 | MONITOR | COMPAQ | 1 |
| 5 | MONITOR | SAMSUNG | 2 |
| 6 | CPU | COMPAQ | 11 |
| 7 | CPU | HCL | 22 |
| 8 | CPU | WIPRO | 1 |
| 9 | CPU | INTEX | 1 |
| 10 | CPU | ASSEMBLED | 2 |
| 11 | HP COLOR PRINTER LAJER | HP | 1 |
| 12 | HP LAJER JET 1022 | HP | 1 |
| 13 | HP INK JET | HP | 1 |
| 14 | TVS DOT MATRIX MSP 245 | TVS | 1 |
| 15 | WIPRO 1040+ DOT MATRIX | WIPRO | 1 |
| 16 | UMAX SCANNER | UMAX | 1 |
| 17 | HP SCANNER | HP | 1 |
| 18 | SMPS | ALL | 11 |
| 19 | HEAD PHONES | Tech tom | 25 |
| 20 | HEAD PHONES | INTEX | 2 |
| 21 | COLLEGE BELL | PES COMAPANY | 2 |
| 22 | DVD PLAYER | SOLID | 1 |
| 23 | OHP PROJECTOR | PHIL SYSTEMS | 1 |
| 24 | STEBLIZER | SOFTLINE | 1 |
| 25 | DVD PLAYER | CPU DVD | 2 |
| 26 | 16 PORT SWITCH | NETGARE | 1 |
| 27 | OLD TV | SPECTRA SUPER N | 1 |
| 28 | MOUSE | HCL | 15 |
| 29 | MOUSE | FOXIN | 8 |
| 30 | KEYBOARD | COMPAQ | 10 |
| 31 | KEYBOARD | TVS | 13 |
| 32 | KEYBOARD | SAMSUNG | 2 |
| 33 | KEYBOARD | FOXIN | 7 |
| 34 | KEYBOARD | HCL | 20 |
| 35 | UPS 1000KV | AEON | 1 |
| 36 | LCD PROJECTOR | SONY | 1 |
| 37 | UPS 600 KV | NUMARIC | 4 |
| 38 | UPS 500KV | AEON 275 W | 1 |
| 39 | STEBLIZER 3KV | SYBER | 1 |
| TOTAL | | | 200 |

4/1

[Handwritten signature]

[Handwritten signature]



Rethinking... Recycling...

Earth Sense Recycle Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 & R2v3 Certified Company

No.37, TSIC Industrial Park, Mankhal(V), Maheshwaram Mandal,
Ranga Reddy District, Hyderabad, Telangana-501 359.

Date: 09.02.2023

Ref. No.: ESRPL/DEST/2022-23/HYD091

PCB Reg: 4/TSPCB/E-WASTE/2019-1675

CIN: U74999TN2008PTC066002

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 760.000 Kgs

from M/s. Govt Degree College.,

Rayachoti, Annamaya Dist, AP.

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



Ref: ESRPL/DEST/2022-23/HYD091

Date of material procured: 23.01.2023

Address:

M/s. Govt Degree College.,
Rayachoti, Annamaya Dist.
AP.

| S.No. | Particulars | Qty in Nos. | Weight in Kgs. |
|-------|--|-------------|----------------|
| 1 | CPU/UPS/Stabilizer/Printer/Scanner/SMPS/ Projector/Switch | - | 248.000 |
| 2 | CRT/Monitor/Keyboard/Mouse/Head phone/CRT TV/DVD /Cabinet and Other Mixed Ewaste | - | 453.000 |
| 3 | Disposal/Wastage | - | 59.000 |
| | Total | - | 760.000 |

Date of disposal procedure completed - 09.02.2023

The total quantity recycled 760.000 kgs.

for Earth Sense Recycle Pvt. Ltd.,

A. Mani Varma
for Dr. S. John Robert
CEO



[Signature]
PRINCIPAL
Govt. Degree College
Rayachoty.

8/10/24, 12:10 PM

Weighing Slip DD - IGP No 465 jpg

EC

SIB ELECTRONIC WEIGH BRIDGE
 Chennamukkapaal, Near RTC Dargo By Pass Road
 Rayachoty, Kadapa Dist - 518 268 A.P. Call 9441238538
FULLY COMPUTERISED - 60 TONNES CAPACITY **24 HOURS SERVICE**

| | | | |
|------------|-----------|--------|----------|
| DATE | 08/10/24 | TIME | 12:10 PM |
| VEHICLE NO | KA 25 200 | DRIVER | ... |
| WEIGHT | ... | ... | ... |

Operator's Signature: *[Signature]* Operator's Signature: *[Signature]*

*Our responsibility ceases once the vehicle leaves the platform.



[Handwritten Signature]
PRINCIPAL
Govt. Degree College
Rayachoty.

Re: Earth Sense Recycle - Ewaste collection -23.01.2023- Destruction certificate

1 message

GDC, RAYACHOTI JKC <rayachoti.jkc@gmail.com>
To: nithin <nithin@earthsenso.in>
Cc: Balaji Chowdhary <balajichowdhary@earthsenso.in>

Wed, Aug 7, 2024 at 1:43 PM

Seelam srinivasulu08@gmail.com

On Thu, 9 Feb, 2023, 12:36 pm nithin, <nithin@earthsenso.in> wrote:
Dear sir,

Greeting from Earth Sense Recycle !

Please find attached the destruction certificate and weighing slip towards the collection held on 23.01.2023

Request you to share us the college bank account to transfer the Recycling value

Thanking you

Nithin K
Earth Sense Recycle Pvt Ltd
Mob.9387512875/09949669984
<http://www.earthsenserecycle.com>

--- On Tue, 31 Jan 2023 14:03:39 +0530 nithin <nithin@earthsenso.in> wrote ---

Dear sir,

Please find below the material appraisal calculation towards the E-waste collection held on 23.01.2023

| Government Degree College Rayachoty AP MPL -280 | | | | |
|---|--|--------------|--------------|-------|
| SI No. | Nomenclature | Weight (Kgs) | Price Per KG | Total |
| 1 | CPU/UPS/Stabilizer/Printer/Scanner/SMPS/Projector/Switch | 248 | 25.000 | 6200 |
| 2 | CRT/Monitor/Keyboard/Mouse/Head phone/CRT TV/DVD /Cabinet and Other Mixed Ewaste | 453 | 10.000 | 4530 |
| 3 | Disposal/Wastage | 59 | - | - |
| G-Total | | 760 | | 10730 |

Weighment slip attached herewith for your reference

Please share the bank details with us to transfer the payment

Thanking you

Nithin K
Earth Sense Recycle Pvt Ltd
Mob.9387512875/09949669984
<http://www.earthsenserecycle.com>



[Signature]
PRINCIPAL
Govt. Degree College
Rayachoty.

--- On Sat, 07 Jan 2023 16:15:27 +0530 GDC, RAYACHOTI JKC <rayachoti.jkc@gmail.com> wrote ---

5/10/24, 12:09 PM

Gmail - Re: Earth Sense Recycle - Ewaste collection -23.01.2023- Destruction certificate

We are sorry to inform you that our university declared Pongal holidays from 9th to 17 th of January and there is principal's training program from 16 th to 21st of January.

So I am very sure that 23rd January we will be ready to handover our college e waste.

Thank you

B kiran kumar

Lecturer in physics

On Fri, 6 Jan, 2023, 5:28 pm nithin, <nithin@earthsense.in> wrote:

Kind attention Shri.Kirankumar sir

With reference to the telecommunication between our Logistics officer Mr.Venkatesh and your good self ,we hereby scheduling the collection of Ewaste from your esteemed college Rayacholi, AP on 10th January 2023

Earth Sense PoC :- Mr.Venkatesh will be the PoC for collection activities Mob.9000378877

Request you to confirm for the further course of action

Thanking you

Nithin K

Earth Sense Recycle Pvt Ltd

Mob.9387512875/09949669984

<http://www.earthsenserecycle.com>




PRINCIPAL
Govt. Degree College
Rayachoty.