

7.1.3. Describe the facilities in the institution for the management of different types of degradable and non-degradable waste

 **VISWAMBHARA EDUCATIONAL SOCIETY**
VAAGDEVI COLLEGE OF PHARMACY
(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University , Warangal, T.S)
Ramnagar Dist. Hanamakonda- 506001, (T.S)

7.1.3. POLICY DOCUMENT ON
DEGRADABLE AND NON-DEGRADABLE WASTE




Principal
Vaagdevi College of Pharmacy
Hanamkonda, Warangal-506 001



INDEX

Management of the Different Types of Degradable and Non-Degradable

Waste

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1.	Policy Document
2.	Geotaged Photographs
3.	Circulars




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POLICY ON WASTE MANAGEMENT

The institute has implemented a comprehensive waste management system, including solid, liquid, biomedical, e-waste, waste recycling, hazardous chemicals, and radioactive management, for enhanced efficiency and sustainability.

Objectives of the Policy

- ✓ To use efficient waste management
- ✓ To reduce the production of garbage
- ✓ To adapt waste management procedures



Signature of Principal



Principal
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i) Solid Waste Management

To manage solid waste effectively, the institution has strategically placed several garbage bins across all departments. These bins are clearly labeled for the segregation of biodegradable and non-biodegradable waste. This ensures that waste is sorted at the source, making the recycling process more efficient and promoting environmental sustainability. The segregation process helps reduce contamination and improves the overall disposal of waste. On a daily basis, the Greater Warangal Municipal Corporation (GWMC) is responsible for collecting and disposing of the waste in an appropriate manner. This regular disposal ensures that the institution maintains a clean and hygienic environment for its staff, students, and visitors. The institution emphasizes the importance of waste segregation, educating all stakeholders on how to properly dispose of their waste to minimize environmental impact. The proper disposal practices further support the overall waste management strategy, contributing to a cleaner, greener campus.




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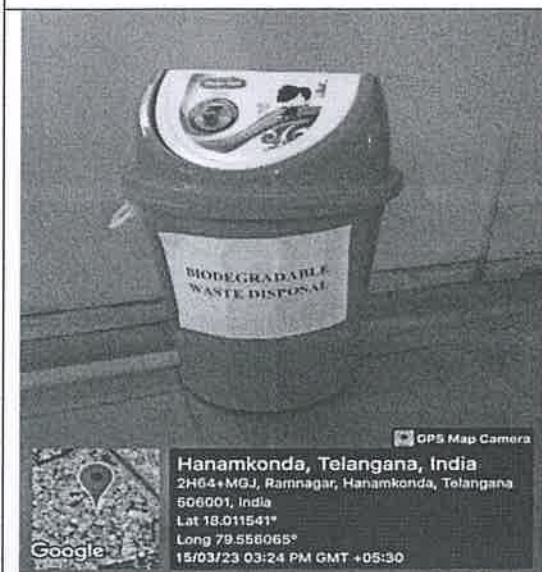
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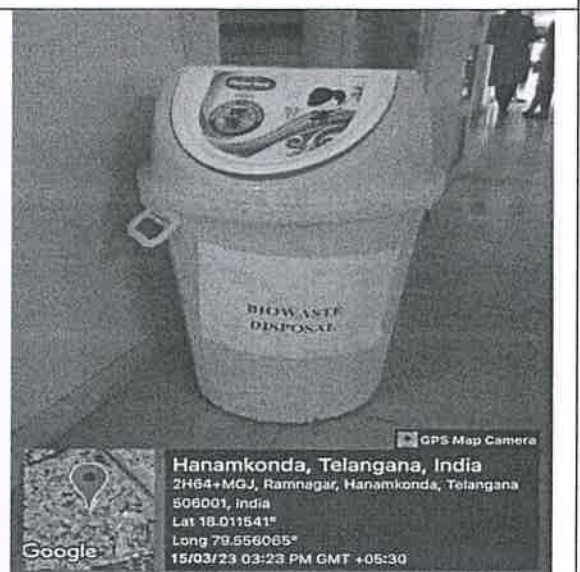
Plastic Disposal



Glass Disposa



Biodegradable Waste



Bio waste disposal



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Compost Pit

The composting pit on campus serves as an environmentally sustainable solution for managing plant and food waste. By collecting these organic materials, the composting process breaks them down into nutrient-rich compost, which is then used to fertilize the campus plant gardens. This not only helps reduce waste sent to landfills but also promotes a circular system where waste is transformed into a valuable resource for growing plants, enriching the soil, and supporting campus greenery. This practice fosters sustainability by closing the loop between waste production and resource utilization



Vermi Compost



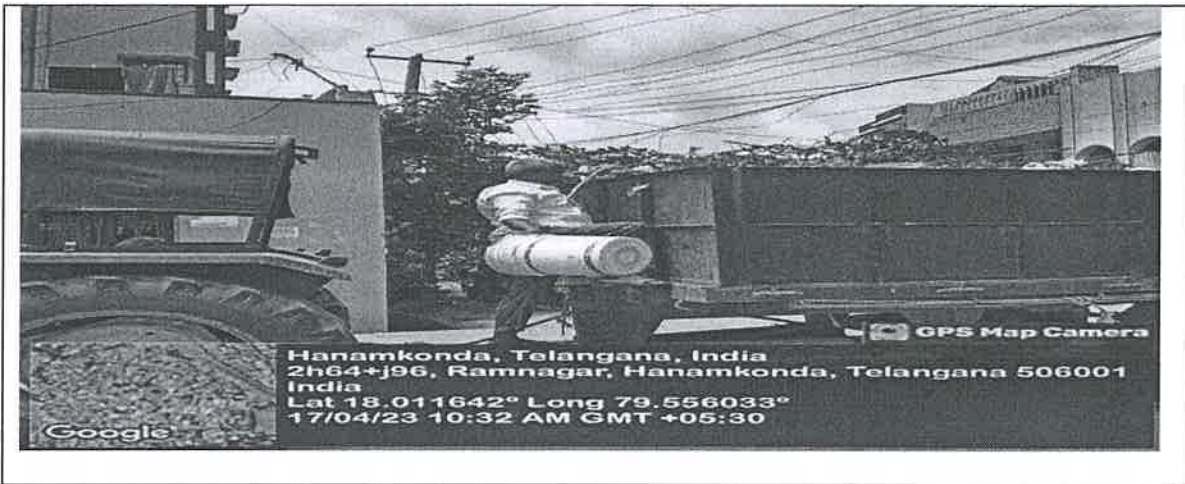
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Municipal Garbage Collection Van

GREATER WARANGAL MUNICIPAL CORPORATION
కరవంట్ల మున్సిపల్ కార్పొరేషన్

CNo.2/F1/20047/2023 Dated: 08-03-2023

Office Computer No: 320802

NO OBJECTION/SANITARY CERTIFICATE

This is to certify that, on the basis of the inspection report of the Sanitary Inspector concerned, Greater Warangal Municipal Corporation the building premises bearing Municipal S.NO 2-2-457/3, BUSEWATELLA, HANAMKONDA, WARANGAL, locality in which the applicant/Management proposed to run VAAGDEVI COLLEGE OF PHARMACY for the year 2022-2023 is well ventilated with sufficient doors and windows with lighting provided with lavatories and Urinals, and Good water supply and accommodation of class rooms with sufficient space for the students duly white washed having open place within the above building premises for play ground etc., as per Sanitary conditions in the said building.

The No objection/Sanitary certificate issued subject to the conditions, if any legal dispute found in the future sanitation certificate will be cancelled without notice to the applicant/Management.

To,
The Secretary / Correspondent/Principal
VAAGDEVI COLLEGE OF PHARMACY,
H.NO 2-2-457/3, BUSHANPURA,
HANAMKONDA, WARANGAL.

Digitally signed by BOMMAN RAJAREDDY
Date: Mon Aug 18 18:28:03 IST 2023
wasn:Approved

Principal
Vaagdevi College of Pharmacy
Hanamakonda, Warangal-506 001





Principal
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Hanamakonda, Warangal-506 001

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ii) Liquid Waste Management

To ensure hygienic conditions, it is essential that sewage lines are regularly cleaned and disinfected with bleach. Proper waste management practices, such as never disposing of laboratory liquids in storm drains or trash, help prevent harmful substances from contaminating the environment. Monitoring the discharge of any liquid waste from laboratories into the sewage system is crucial to prevent hazardous materials from leaking into the pipes. Additionally, using treated wastewater for gardening is an effective way to recycle water and reduce environmental impact. This holistic approach ensures both hygiene and sustainability are maintained.

	
RO Plant	Liquid Waste Management




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iii) Biomedical Waste Management

Biomedical waste is obtained from anatomy, pharmacology and microbiology laboratories, in the form of animals, blood, used cotton swabs, syringes, needles and animals used for experimental purpose is packed in bags. Microbiological media is effectively sterilized by autoclaving method.

TAX INVOICE


 Kakatiya Mediclean Services 1-7-600/1 Behind Suburban Post Office Hanamakonda Warangal Telangana - 506001 State: Telangana GSTIN : 36AALFM7941F22Z Website : kakatiyamediclean.com Email: info@kakatiyanwdiclean.com Phone : 0870-2593243, 9346788523		Invoice No KMS/21-22/8708
Buyer (Bill to): Vaagdevi College Of Pharmacy Ramnagar, Kishnapur, Hanamakonda, 506001 State : Telangana , State Code : 36		Dated 28/Feb/2023
Duration Period 01/02/2023 To 28/02/2023		ClientID KMS0697

S.No	Description	HSN/SAC Code	No Of Days in a Month	No. of Beds	Rate	Amount
1	Service Charges for BIOMEDICAL WASTE MANAGEMENT	9993	28		2000	2,000.00
Total						2,000.00
CGST @ 6%						120.00
SGST @ 6%						120.00
Grand Total						2,240.00

Amount Chargeable (In Words):
 INR Rupees Two Thousand Two Hundred Forty Only
Payment outstanding as on date before submission of this invoice: Rs.4,480.00/-

Company's Bank Details
 Bank NAME : State Bank of India
 A/C No : 52201538943
 Branch : Nakkalagutta
 IFSC Code : SBIN0020150

Declaration :
 We declare that this invoice shows the actual price of the services described and that all particulars are true and correct.

For Kakatiya Mediclean Services

 Authorized Signatory

This is Computer Generated Invoice

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 Vaagdevi College of Pharmacy
 Hanamakonda, Warangal-506 001




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KAKATIYA MEDICLEAN SERVICES
COMMON BIO-MEDICAL WASTE TREATMENT AND DISPOSAL FACILITY
(Authorised by Telangana State Pollution Control Board)
1-7-600/1, Behind Subedar Post Office, Hanamkonda, Warangal - 506 001, T.S.

773

Service Certificate

This is to certify that

M/s. Vaagdevi College of Pharmacy

#2-2-457B, Ramnagar

Hanamkonda

is a member of our

Common Bio-medical Waste Treatment Facility

Validity :
31st DECEMBER 2023

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Chandra Mohan Gadipelli
CHANDRA MOHAN GADIPELLI
Authorised Signatory

- Update your authorization from T.S. Pollution Control Board before it expires
- For more information visit us at : <https://www.kakatiyamediclean.com> or call to 0870-2510975
- For any suggestions/clarifications mail us : services@kakatiyamediclean.com

We committed to healthy environment for safe disposal of Bio-medical waste



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iv) e-Waste Management and Waste Recycling System

Defective electronic devices are typically repaired to restore their functionality, ensuring they can be reused. This process helps extend the lifespan of the devices, reducing waste and promoting sustainability. For electronic waste (e-waste) that cannot be repaired, it is disposed of in an environmentally responsible manner. In collaboration with Planet Solutions in Hanamakonda, e-waste is disposed of in accordance with state government guidelines. This ensures that harmful substances from electronic devices are handled safely, minimizing environmental impact and promoting proper recycling practices.



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PLANETSOLUTIONS

#2-2-400,OPP:MAYURI MALL,KISHANPURA,MAIN ROAD,HANAMKONDA,WARANGAL.-506001

PHONE: 0870-2455551, 8686522233, 9704480006
GST NO:36AAKPE9014C1Z2

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is made and executed on 15/06/2022 at Hanamkonda
BY AND BETWEEN

Vaagdevi College of Pharmacy, Hanamkonda, Warangal 506001 it's administrators, assign and successors represented by HOD/Principal, who duly authorized to sign and execute the MOU.

Being the First Part AND

Planet Solutions, having its principal office situated at Hanamkonda, Warangal, 506001 and represented by Mr Srinivas Emula Chief Operations Manager

Being the Second Part

Whereas Vaagdevi Colleges of Pharmacy has agreed to collect the give away the dry recyclable waste including any kind of paper waste, metal waste, plastic waste &E- waste generated in its college.

NOW THIS MOU WITNESSTH AS UNDER

This is an agreement for a synergic alliance between Vaagdevi College of Pharmacy & Planet Solution for the social causes of recycling of dry waste and environment protection through recycling

This MOU shall be for a period of three years commencing from the date of signing of this MOU
ROLES AND RESPONSIBILITIES OF VAAGDEVI COLLEGE OF PHARMACY

1. To ensure source segregation of dry and wet waste at college premises through its Teaching staff, housekeeping staff and students.
2. Vaagdevi College of Pharmacy will give away any kind of paper waste (white papers records news paper, cotton boxes etc) metal waste, plastic waste, and e-waste.
3. Vaagdevi College of Pharmacy shall motivate students to bring recyclable like paper, plastic, metal etc from their home and contribute to plants solution.
4. Vaagdevi College of Pharmacy will put up colour coded bins for waste segregation at different points in college premises.




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Execution of this agreement shall be deemed to be

- a) A confirmation by both the parties that no benefit either in cash or kind has been provided by either party to the other party or to any officer or employee or any relative/ associate of any officer or employee or of either party or of any of their associate institutions/ companies in order to enter into this agreement, and
- b) An under taking by both the parties not to provided any benefit either in cash are kind to any officer/ employee /relative /associate of any officer or employee of either party as reward or consideration either for entering into this MOU or other matter relating to this agreement.

Other terms

1. **Force majeure:** Neither party shall be liable for damages for any delay or failure to perform its obligations here under, if such a delay or failure is due to reasons beyond the control of the concerned party including without limitation, strikes, riots, wars, fires, epidemic, quarantine restrictions, unusually severe weather, earth quakes, explanation, acts of God or state or any public enemy or acts mandated by applicable laws, regulation or order, whether valid or invalid of any Governmental body.
2. **Dispute resolution:** It is understood by both the parties that this agreement is for social causes and not to make any profit out of the understanding. The parties covenant that they will complete with all applicable laws and regulations in their conduct pursuant to this agreement any dispute arising out of this agreement shall be first attempted to settle amicably between the parties.
3. **Arbitration:** Any dispute which is not resolved amicably shall be finally settled by binding arbitration in respect to the matters concerning to the MOU with the soul arbitrator to be appointed by the mutual consent of both the parties. The parties agree that the decision or award resulting from Arbitration shall be final and binding upon the parties. Pending the submission of and / or decision on a dispute, the parties shall continue to perform their respective obligation under the agreement without prejudice to a final adjustment in accordance with such arbitration award.
4. **Governing and jurisdiction:** This Agreement is subjected to the jurisdiction of courts at Warangal. Both the parties shall agree that it will not make use of disseminate, or in any way disclose any confidential information to any person, firm or business, further more the existence of any discussions, negotiations or agreement in progress between the party shall not be released to any form of public media without written approval of both parties.
5. **Amendments:** This agreement and schedules together continue a complete and exclusive understanding of the terms of the agreement between the parties on the subject here of and no amendment or modification here to shall be valid and effective unless agreed to by all the parties here to and evidence in writing.




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Rules and responsibilities of planet solutions:-

1. Planet Solution will collect dry recyclable waste and old records from college and bring to the facility without any spillage.
2. Planet Solution will organize sorting of the dry waste into different categories, baling, and appropriate disposal of dry waste.
3. Planet Solution shall undertake necessary measures for dispatch of the sorted recyclable for recycling at its own cost.
4. Planet Solution on the request of work Vaagdevi College of Pharmacy may give New A4 paper sheets, Notebooks and Stationery against the value of dry recycling waste lifted.

Performance of Obligations

1. The details laid out in this MOU, not withstanding the essence and spirit of this MOU, shall be understood between Vaagdevi College of Pharmacy and Planet Solutions.
2. Any notices or other communications under or in connection with this agreement shall be in writing in the English language and shall be delivered personally or sent by way of e-mail to the party due to receive the notice or communication at its address set out in this contract or such other address as the party may specify by notice in writing to the other.

ADDRESS FOR COMMUNICATION:-

Following are the addresses to which all notices shall be sent

Planet Solutions

Kishanpura, Hanamakonda, Warangal

Telangana- 5060001

Phone 8686522233


email ID: aishplanet@gmail.com

Vaagdevi College of Pharmacy

Hanamkonda, Warangal

Telangana-5060001




Principal
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Hanamakonda, Warangal-506 001



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NOTICE/ termination:

Any notice required to be given here under shall be given in writing at the address of each party set forth as below in this agreement or to such other address either party may substitute by written notice to the other. Either party may terminate this agreement by given 30 days written notice to the other party.

In witness where of the parties is here to have signed this agreement on the day month and year mentioned here in before

For Vaagdevi College of Pharmacy

For Planet Solutions

Principal
Vaagdevi College of Pharmacy
Hanamakonda, Warangal-506 001
Vaagdevi College of Pharmacy
Hanamakonda, Warangal- 5060001
Telangana



Chief Operations Manager

Witness

- 1.
- 2.



Principal
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Hanamakonda, Warangal-506 001

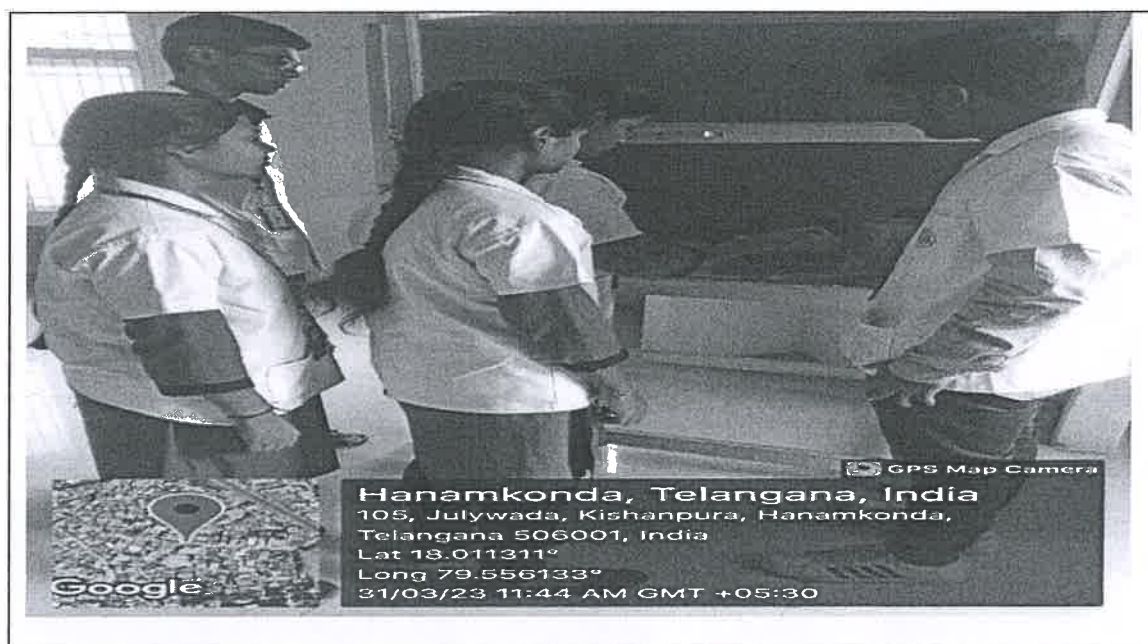


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v) Hazardous Chemicals and Radioactive Management

College has a strong commitment to safety and environmental protection in its laboratories, which is great! Here are a few recommendations or considerations that could further ensure safety and compliance with regulations. Even heavily diluted acids should be disposed of following proper chemical waste disposal protocols to prevent any environmental impact. Consider implementing a system to monitor the waste water and ensure that any discharge into sewage does not exceed acceptable limits for any chemical contaminants, even after dilution.



Hazardous Chemicals and Radioactive Managements Disposal



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Date: 18-4-2023

CIRCULAR

This is to inform all the students and staffs is encouraged to dispose waste and e-waste material in allotted assigned colour coded dustbins to keep the college campus Clean and Green.

Note: 1) Red Colour-Plastic waste/e-waste

2) Blue Colour-Glass waste

3) Green Colour-Biodegradable

4) Yellow Coloured -Bio waste

Signature of Principal



Principal
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Date: 24-7-2022

CIRCULAR

This is to inform all the students and staffs is encouraged to dispose waste and e-waste material in allotted assigned colour coded dustbins to keep the college campus Clean and Green.

Note: 1) Red Colour-Plastic waste/e-waste

2) Blue Colour-Glass waste

3) Green Colour-Biodegradable

4) Yellow Coloured -Bio waste

Signature of Principal



Principal
Vaagdevi College of Pharmacy
Hanamakonda, Warangal-506 001