



GIET SCHOOL OF PHARMACY

(SPONSORED BY SRI KOUNDINYA EDUCATIONAL SOCIETY)

(Affiliated to Andhra University, Approved by AICTE & PCI)

NH-16, Chaitanya Knowledge City, RAJAHMUNDRY – 533 294, E.G. District, (A.P.)

NAACA*ACCREDITED Tel : 0883 – 2484444, 6577444, Fax: 0883 – 2484444, 2484739.

7.1.2 facilities in the Institution for the management of the following types of degradable and non-degradable waste

1. Solid waste management
2. Liquid waste management
3. Biomedical waste management
4. E-waste management
5. Waste recycling system
6. Hazardous chemicals and radioactive waste management

GIET School of Pharmacy has developed techniques for managing waste produced on campus using the fundamental 3Rs waste management strategy: Reduce the amount of waste produced, reuse everything to the greatest extent possible after proper segregation and cleaning, and recycle as much as you can before giving it to the appropriate agencies.

On campus, waste is produced in both liquid and solid forms, both biodegradable and non-biodegradable, as well as chemical waste. The campus does not produce any hazardous waste that is classified. The institute's environmental policy aims to achieve zero waste discharge and waste utilization through carefully thought-out methods that make the campus sanitary and safe.

1. Solid waste Management

Both biodegradable and non-biodegradable materials are included in solid waste. Paper, plastic, metal cans, and other non-biodegradable materials are among the solid waste generated on campus. Food scraps, vegetable peels, leaves, and other biodegradable waste are examples.

Steel glasses and plates are used in the college canteen in place of disposable items like plastic cups, plates, and so forth. Waste made of glass, paper, and metal is sold to recyclers.

Separate bins are used to collect food waste and non-biodegradable trash. Four specially designated dumping yards are used to dispose of biodegradable waste.



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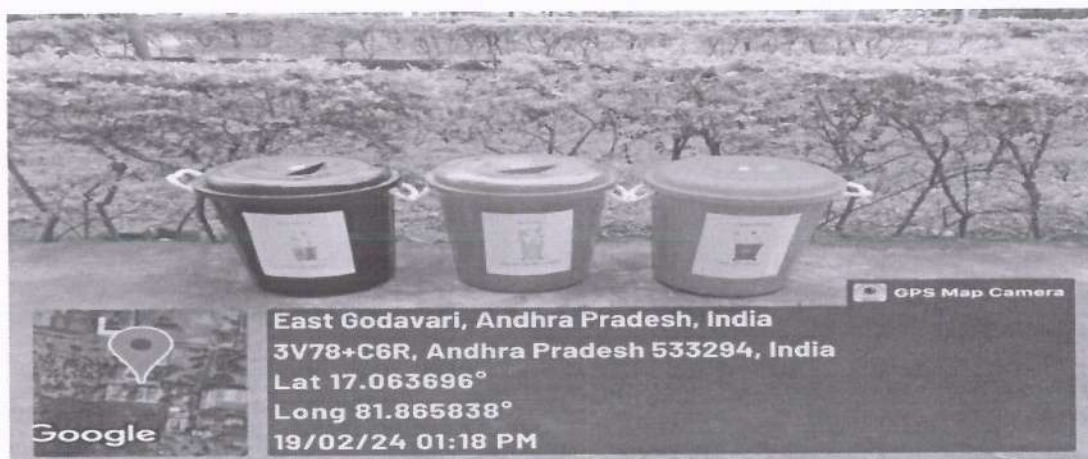
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DUST BINS FOR BIODEGRADABLE AND NON – BIO DEGREDEABLE WASTE



DUMPING YARDS



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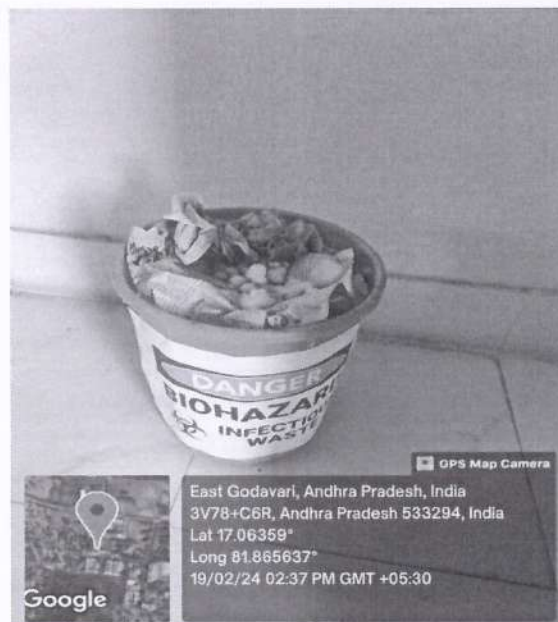
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FOOD WASTE





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2. Liquid waste Management

The three types of liquid waste that are produced in the institute are as follows.

- i. Water from the canteen used for washing and cleaning utensils and other items, as well as septic tank effluents from various sanitary blocks.
- ii. Wastewater from chemical laboratories
- (iii). Wastewater from a RO plant

Due to the college's location in a rural, unsewered area, waste water from the sanitary facilities is dumped into septic tanks scattered throughout the campus. These effluents, along with canteen waste water, are then combined and used for gardening, watering trees, and other purposes. The extra wastewater will be discharged into a nearby natural drainage system.

Because the amount of waste water produced by laboratories is so small, it is handled alongside septic sewage.

Wastewater from the RO plant Wastewater from the RO plant is mixed with canteen wastewater and used for watering plants, gardening, and other purposes.

The college's long-term plan is to build a complete sewage treatment facility to treat sewage and recycle it entirely on campus, achieving the objective of a zero discharge campus.

WASTE WATER FLOW TO IRRIGATION



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BIO Hazardous Waste Management.

There are many issues that GIET School of Pharmacy, like other organizations that produce and manage hazardous wastes, must deal with. Most departments can be categorized as conditionally exempt small quantity generators (generators of less than 100 grams) because they do not produce hazardous waste.

The college campus does not currently use any hazardous chemicals or biochemicals, such as infectious disease pathogens, patient blood, or radioactive materials.

But use syringe needles and swabs for blood grouping , bleeding , clotting Haemoglobin experiment as part of curriculum.



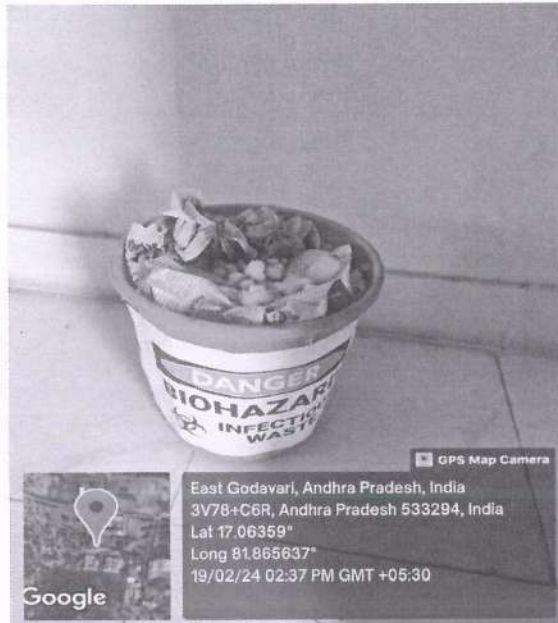
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E-waste Management

E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life.

E-waste mainly includes obsolete electronic devices, such as computer systems, servers, monitors, compact discs (CDs), printers, scanners, copiers, calculators, fax machines, battery cells etc. E-waste is disposed off through vendors.



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