# **BRILLIANT INSTITUTE OF ENGINEERING & TECHNOLOGY**



(Sponsored by: Brilliant Grammar School Educational Society)
(Approved by AICTE, New Delhi, Affiliated to JNTU-Hyderabad)
Abdullapur(V), Abdullapurmet (M),R.R. Dist – 501505, Telangana, India

Website: www.b-iet.ac.in, e-mail: principal@b-iet.ac.inContact No.: +919652929786

The facilities in the institution for management of the various types of degradable and non-degradable waste.

#### 1. Solid waste Management:

#### Collection of Degradable and Non-Degradable Waste:

Degradable waste includes organic materials that can be broken down naturally by micro organisms. Sources in College:

- Food Waste: Leftovers from dining halls, cafes, and snack bars.
- Yard Waste: Land scaping debris, grass clippings, and leaves from college grounds.
- Paper Products: Unused paper, cardboard boxes, and non-coated paper from classrooms and offices.

#### **Collection Strategies:**

- Separate Bins: Implement clearly labeled bins for composting food scraps and other organic materials in dining areas and common spaces.
- 2. Education Campaigns: Organize awareness programs to inform students and staff about composting and its benefits.

#### Non-Degradable Waste in College

Non-degradable waste consists of materials that do not breakdown naturally or take a very long time to decompose.

#### Sources in Colleges:

- Plastics: Bottles, containers, and wrappers from campus stores.
- Metals: Aluminum cans from beverages and food packaging.
- Electronic Waste: Old computers, batteries, and other technical equipment.

#### **Collection Strategies:**

- Recycling Programs: Establish separate recycling bins for plastics, metals throughout the campus. Make sure they are easily accessible and clearly marked.
- Awareness Initiatives: Run campaigns to educate the campus community about the importance of recycling and the proper disposal of non-degradable waste.

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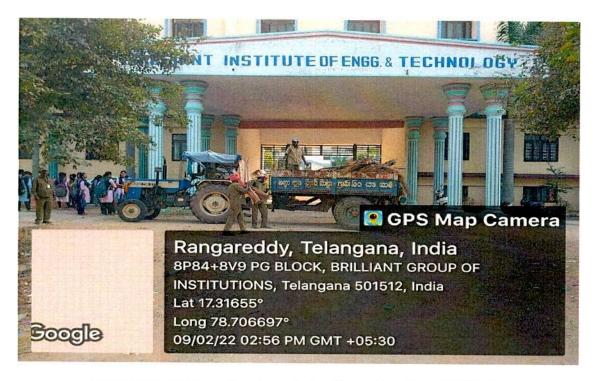
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BRILLIANT INSTITUTE OF ENGINEERING AND TECHNOLOGY, Telangana 501512, India
Lat 17.316612\*
Long 78.70596\*
06/03/23 02:22 PM GMT +05:30

Separation of wet and dry waste.



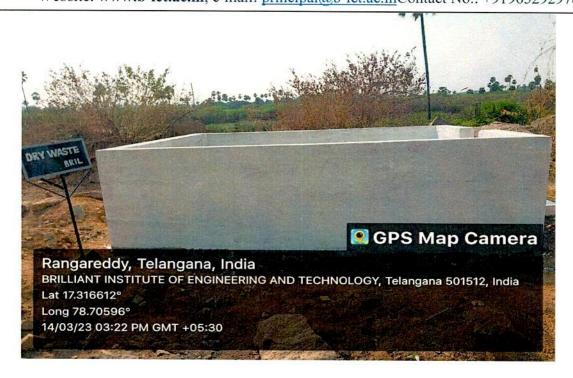
Collection of Dry and wet waste by Gram Panchayat Vehicle.

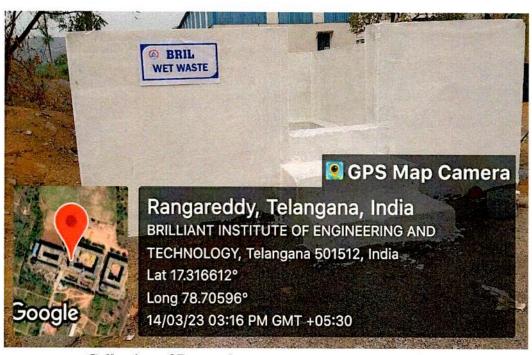


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Collection of Dry and wet waste at campus premises.

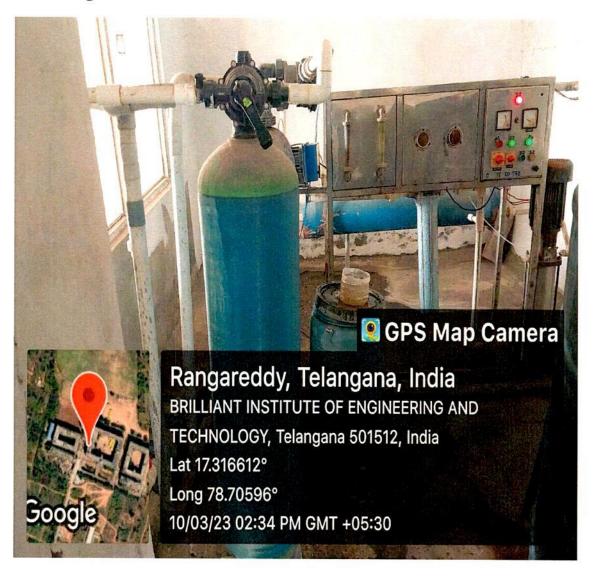




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#### 2. Liquid waste Management



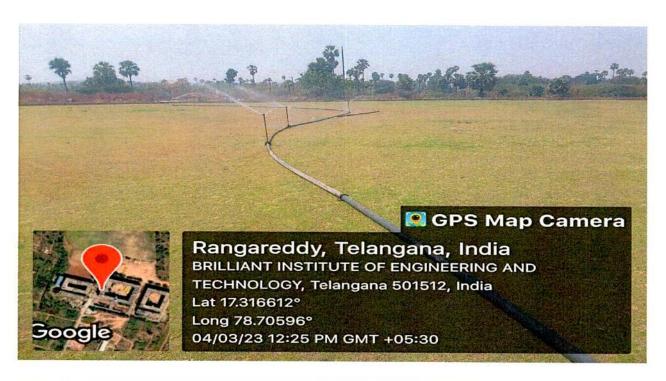
RO water plant.

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Sprinkle water system at campus premises.

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#### Rain harvesting pit:



#### Bore well recharge pit:



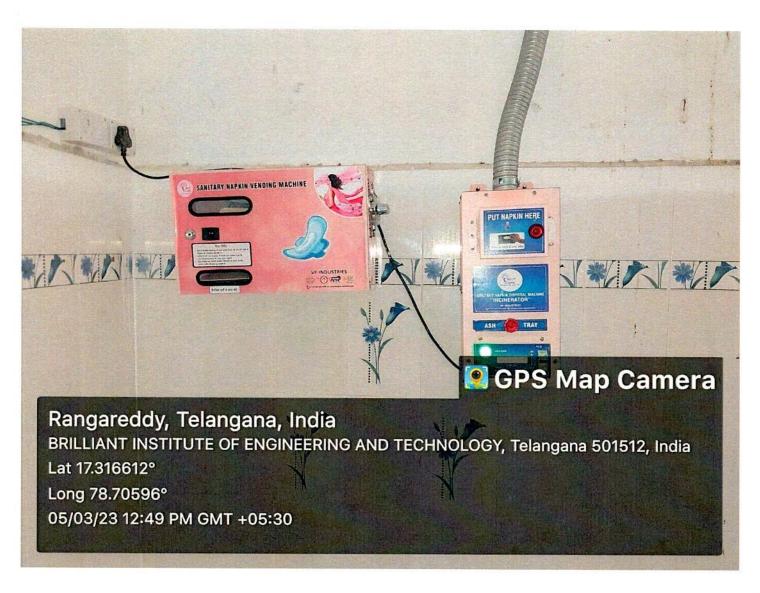
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#### 3. Biomedical Waste Management:



Vending and burning machine in the institution premises

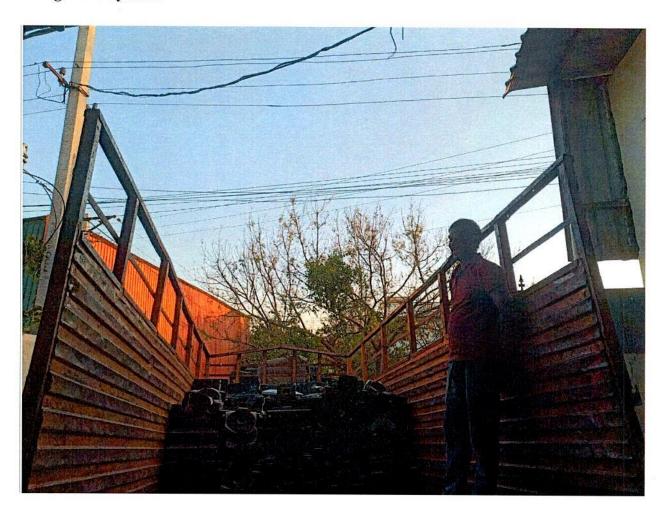
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#### 4. E-waste management System:



Disposal of digital waste.

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#### 5. Waste recycling system:



Collection of Wastage from campus premises.

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## **Hazardous Chemical Waste Management:**



Hazardous Chemicals of Chemistry Lab

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