

VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY



(Sponsored by SARASWATHI VIDYA PEETAM)
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
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7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste

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7.1.3. Degradable and non-Degradable waste

Vikas College of Engineering & Technology has a strong waste management system. The paper wastes, plastic wastes, food wastes, wastes from canteen, hostel kitchen etc. are segregated into biodegradable and non- biodegradable wastes.

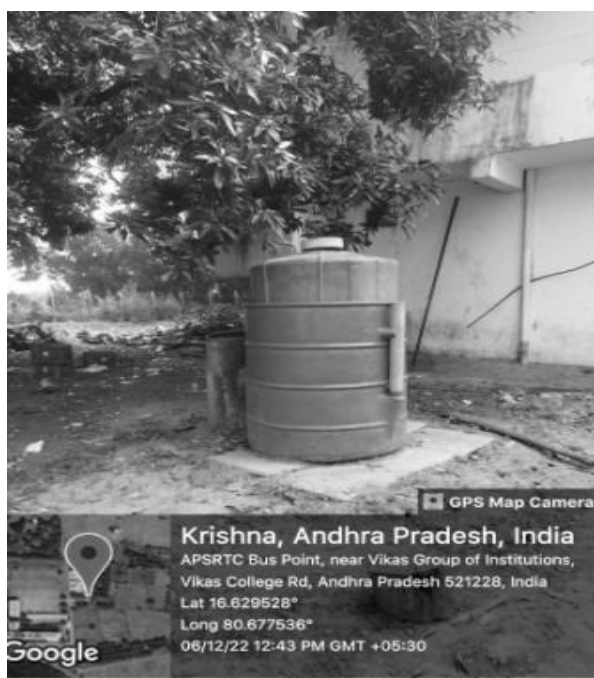
1. Solid waste Management:

Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus include, paper, plastics, metal cans etc.

Non-biodegradable waste such as metals and other scraps are comparatively less in our campus.

One sided papers are re-used by the faculty/staff for documentation

Bio-Gas Plant is installed at hostel Campus for production of Bio Gas using food waste. The Bio Gas is then used to generate heating applications to prepare food.



Bio Gas plant

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Food waste collected bins



Non biodegradable waste collected separate bins

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Compost pit

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2. Liquid waste Management

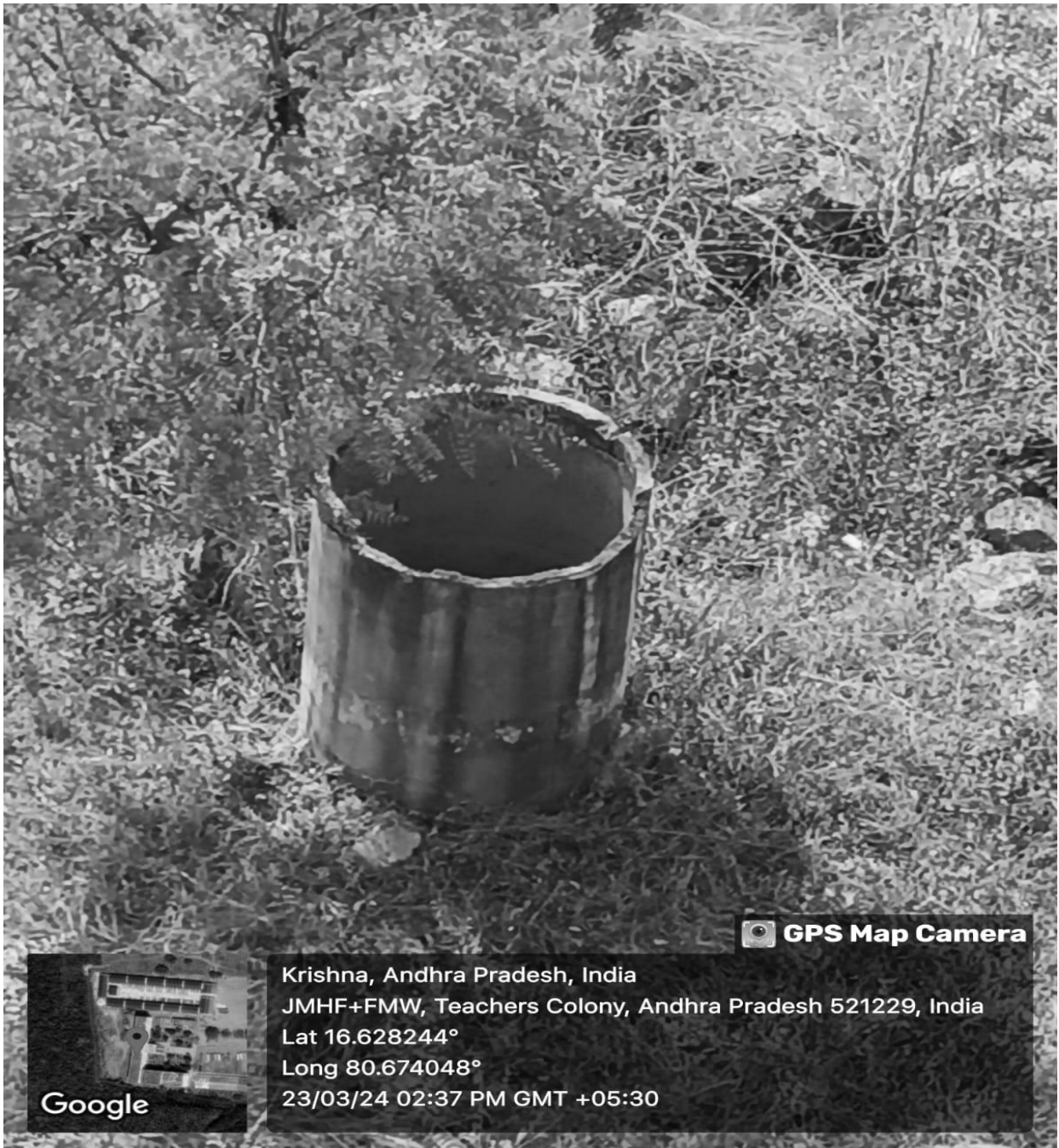
The RO plant installed in the campus caters the drinking water needs.

Treated waste water is used for gardening, Plantations, Cleaning the buses etc.



RO Water plant

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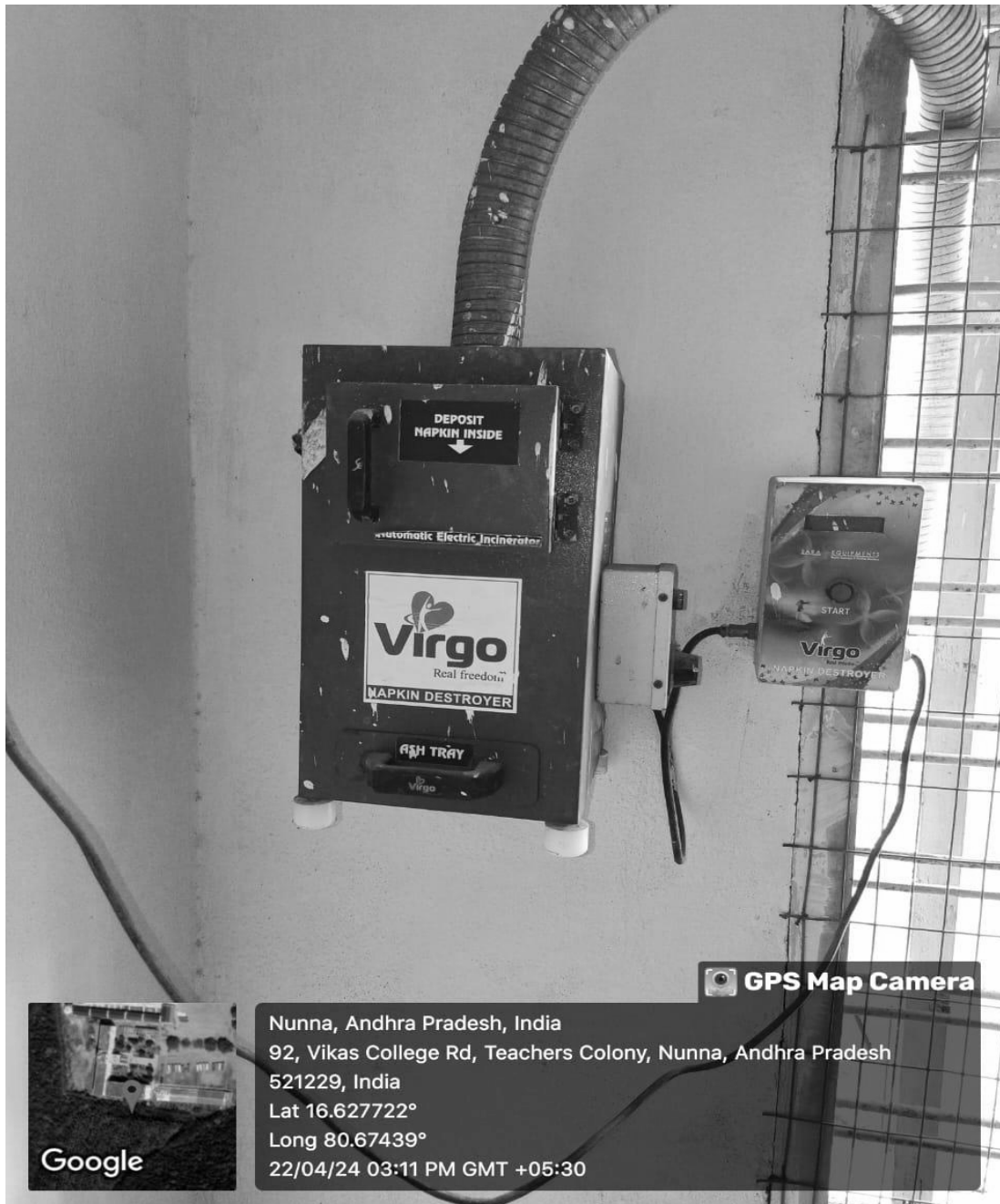


For Gardening, Plantations, Cleaning the buses

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3. Bio Medical waste Management:

The Institution has eco-friendly napkin incinerators which are used for the disposal of bio-medical wastes such as sanitary napkins.



Napkin Incinerators

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4. E-waste Management:

E-waste mainly includes obsolete electronic devices, such as computer systems, servers, monitors, compact discs (CDs), printers, scanners, calculators, battery cells etc. Out-dated computer systems in working conditions are sent to nearby schools' usage to minimize the e-wastes generated in the campus. Out-dated computer systems in working conditions are sent to near by school's usage to minimize the e-waste generated in the campus.

5. Hazardous Waste Management:

Usage of hazardous chemicals and radio-active materials are restricted inside the institute.



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