

**CITY ENGINEERING COLLEGE** Approved by AICTE New Delhi & Affiliated by VTU, Belagavi **ISO 9001:2015** Doddakallasandra, Off Kanakapura Main Road, Next to Gokulam Apartment, Bangalore - 560 062.



### **CRITERION 7: INSTITUTIONAL VALUES AND BEST PRACTICES**

KEY INDICATOR: 7.1. Institutional values and Social responsibilities

Metric No.7.1.2 . The Institution has facilities and initiatives for

# 2. Management of the various types of degradable and non-degradable waste



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#### Management of various types of degradable and non-degradable waste:

City Engineering College is dedicated to effective waste management practices, meticulously handling both degradable and non-degradable waste through segregation, recycling, and composting. Solid waste is categorized into biodegradable, nonbiodegradable, and hazardous types. Biodegradable waste such as canteen leftovers, food scraps, and restroom waste is separated for composting. Non-biodegradable waste like glass bottles, tins, and plastics is sorted for recycling purposes. Hazardous waste, including laboratory and cleaning chemicals, is managed with utmost care due to its potential environmental and health risks.

Each department and administrative office use small waste bins for daily disposal, while classrooms are equipped with dustbins for convenience. Dedicated housekeeping staff collect waste from larger bins strategically placed throughout the campus. Waste from small bins is regularly transferred to larger bins by staff to maintain cleanliness and efficiency. The college collaborates with local authorities for daily collection of solid waste, ensuring timely and responsible disposal.

To promote environmental sustainability, the college actively discourages the use of single-use plastics on campus. Paper waste generated from library, administrative offices, and canteen is systematically stacked and disposed of through accredited vendors, ensuring proper waste management practices are adhered to at all times.





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#### SEGREGATION OF WASTES BY USING THE VARIETIES OF DUST BINS IN THE CAMPUS





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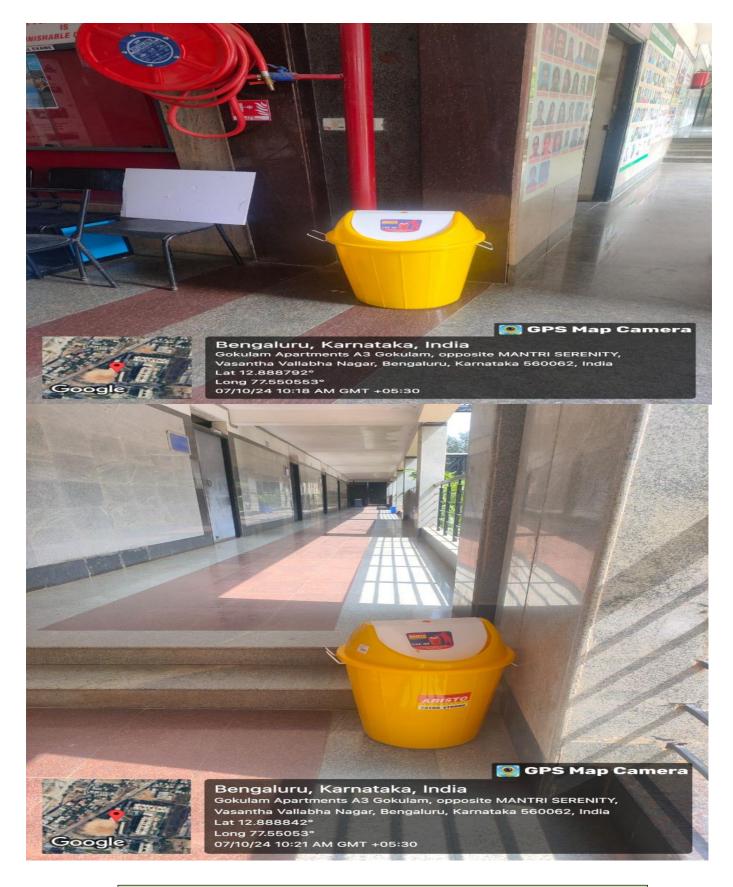
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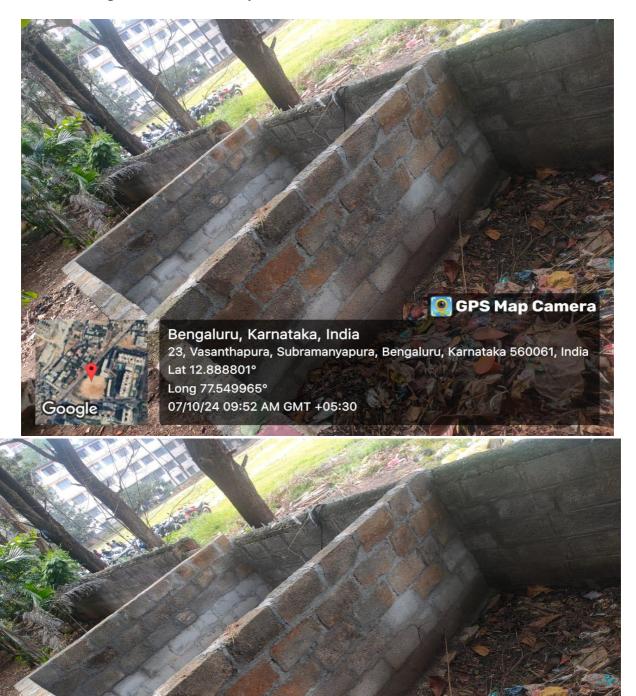
SEGREGATION OF DEGRADABLE AND NON-DEGRADABLE WASTE



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Dry and wet wastes are dumped with the segregation. It is dumped in the campus behind the canteen with the partitioned. Weekly once BBMP will collect the wastes and clear the wastes



#### 🢽 GPS Map Camera

Google

Bengaluru, Karnataka, India 23, Vasanthapura, Subramanyapura, Bengaluru, Karnataka 560061, India Lat 12.888801° Long 77.549965° 07/10/24 09:52 AM GMT +05:30



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### Sanitary waste management: Napkin dispenser and incinerator unit: Vending machine

The institute has installed a Sanitary Napkin Vending Machine in the ladies' washroom of A Block to ensure privacy, cleanliness, and health for female students and staff. This selfservice machine allows users to conveniently access sanitary napkins by inserting a  $\Box 5$ coin. It has a capacity of 30-60 napkins (depending on thickness), and a transparent window indicates the availability of napkins.

The system is designed for easy operation, enabling women and girls to obtain sanitary napkins with ease and discretion.

Regarding radioactive and hazardous chemical waste management, the institute maintains protocols. While no hazardous waste is generated by any department, dead strict and unused batteries are disposed of through authorized external agencies. Safety measures are rigorously followed for the storage and use of concentrated chemicals and acids to ensure compliance with safety standards and environmental regulations.





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#### SANITARY VENDING MACHINE IN LADIES LOUNGE



#### SANITARY VENDING MACHINE IN LADIES WASH ROOM

