


Mahatma Education Society's  
**PILLAI COLLEGE OF ARCHITECTURE**

Dr. K.M. Vasudevan Pillai Campus, Sector 16, New Panvel, Mah. India 410 206.  
Tel.: 022 2745 6100 / 2745 1700 / 27481764 Fax: 022 2748 3208  
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### 7.1.3

## Facilities in the Institution for the management of degradable and non-degradable waste

  
PRINCIPAL  
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Dr. K. M. Vasudevan Pillai Campus,  
10, Sector-16, New Panvel-410 206.



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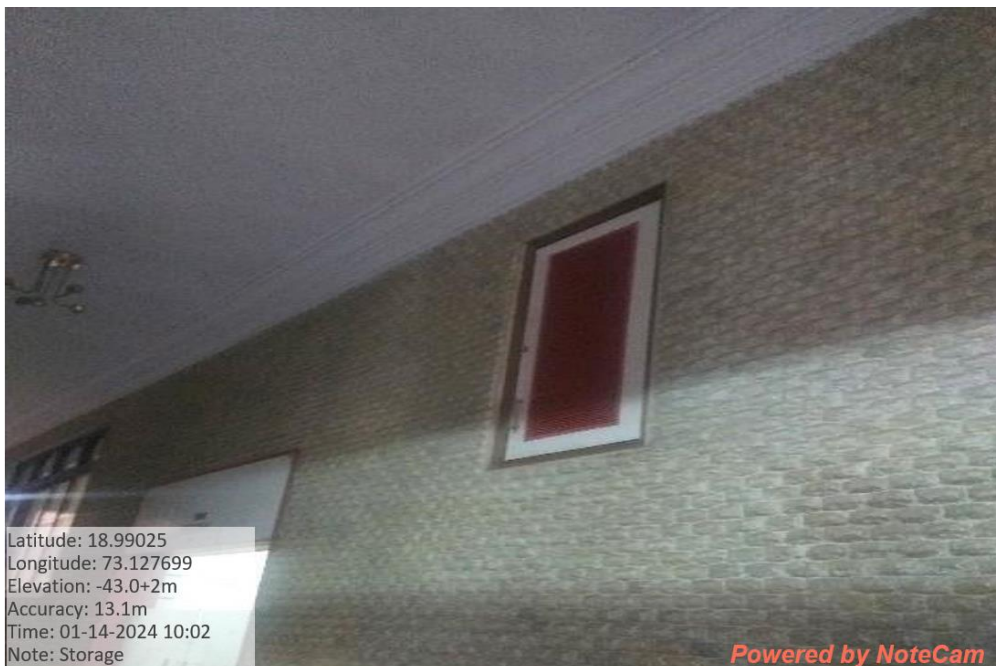
### 7.1.3- Facilities in the Institution for the management of the following types of degradable and non-degradable waste

#### Management of Degradable and non-degradable waste:

##### a. Paper Waste:

As an Architecture college, waste paper is the primary type of waste generated in the institution. To address this, several initiatives have been implemented to minimize paper waste generation.

1. Old submissions and papers are archived and stored on the ground floor storage room.
2. Old papers are exchanged with new papers through scrap dealers, supporting recycling efforts.
3. Encouragement to online submission has significantly reduced paper wastage throughout the academic year.
4. Also, during faculty meetings and discussions digitised presentations are encouraged to reduce paper waste.



Storage area at Ground Floor



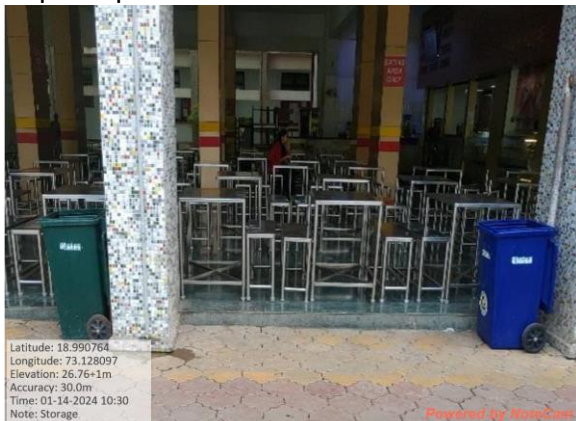
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**b. Waste generated in canteen:**

The canteen is equipped with separate bins for wet and dry waste, facilitating effective waste segregation. Signage near a few dustbins help guide users on correct waste disposal practices.



**Dustbins for waste collection near Canteen**



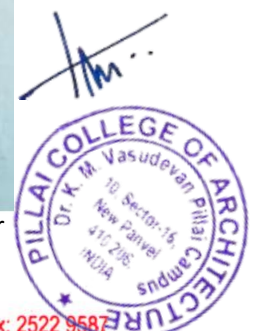
**Signage emphasizing cleanliness**

**c. Waste generated in classrooms:**

In classrooms, staff rooms, and offices, waste generated primarily consists of paper and plastic. Dust bins are conveniently placed in every corner of classrooms to encourage proper waste disposal.



**Slogans placed in classrooms and near canteen area**



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**Waste Water management:**

**AC waste water used for water plants with the help of pipe outlets**



**Drainage for waste water management**

**One push water dispenser tap**



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**Recycling of Degradable and non-degradable waste:**

**Provision of Composting Pit:**

A composting pit has been installed on campus to manage organic waste generated and the compost manure is being used as fertilizer for the plantation and greenery on the campus.



Latitude: 18.990715  
Longitude: 73.128036  
Elevation: 34.56+2m  
Accuracy: 19.3m  
Time: 01-12-2024 10:02  
Note: Composting Pit

Powered by NoreCam

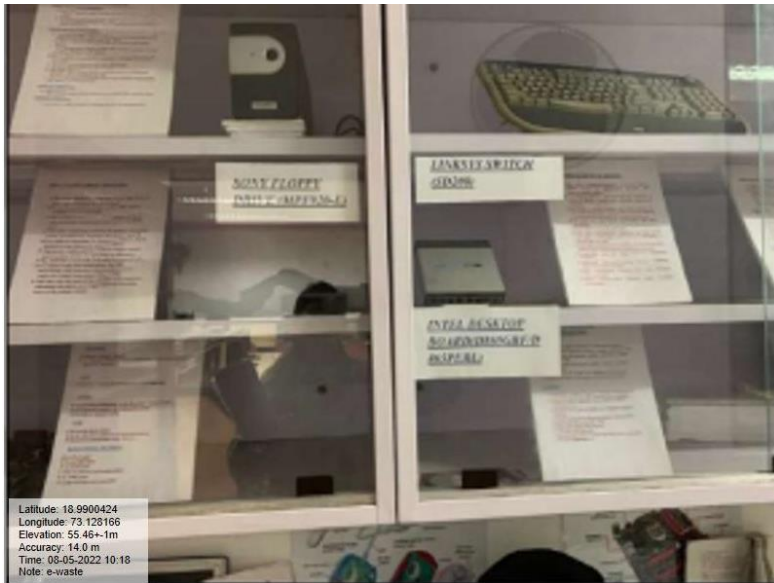
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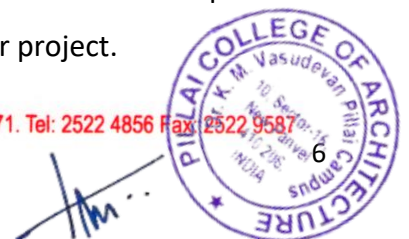
**E-Waste Management and recycling**

MES Pillai's New Panvel Campus has implemented an E-waste recycling program that actively collects old motherboards, hard drives, monitors, and networking equipment on its campus. PiCA is a active part of the initiative. These electronic items are then sent to local recycling facilities for proper disposal and recycling. By conducting such a program, Pilai campus exhibits its dedication to responsible electronic waste management and environmental sustainability. This initiative plays a crucial role in minimizing the environmental impact of electronic waste and promoting a greener and cleaner campus.



Campus has a component library where the old systems are dismantled and the usable parts are stored in the library, which can be used by students if required for their project.

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**Plastic recycling**

Water bottle dispenser machine (Biocrux) is a great help to reduce plastic waste generated on campus. It is strategically located in the canteen area so that students get benefitted and aware about the nuisance of plastic waste for the environment.



Biocrux is a solution for PET bottles and other plastic waste, it shreds the plastic, the flakes/scrap generated from machine is converted into value-added products like T-Shirts, Caps, shawls and bags.

