



Veerashaiva Vidyavardhaka Sangha's

## PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY

T. B. DAM , HOSAPETE – 583 225 Vijayanagar District , Karnataka State

(Affiliated to V.T.U, Belagavi, Karnataka & Recognized by AICTE, New Delhi)

[www.pdit.ac.in](http://www.pdit.ac.in), email : [principal@pdit.ac.in](mailto:principal@pdit.ac.in) Ph No. 08394 259 521, 94802 19115

**7.1.2.2: The institute has facilities and initiatives for management of the various types of degradable and non-degradable waste.**

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# ಪ್ರೌಢದೇವರಾಯ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ಹೊಸಪೇಟೆ.

ಷಾ ಭವರಲಾಲ್ ಬಾಬುಲಾಲ್ ನಹರ್ ಕ್ಯಾಂಪಸ್, ಟಿ.ಬಿ.ಡ್ಯಾಂ ರಸ್ತೆ, ಹೊಸಪೇಟೆ - 583 225. (ಕರ್ನಾಟಕ)

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### POLICY DOCUMENT FOR DEGRADABLE AND NON-DEGRADABLE WASTE

**Proudhadevaraya Institute of Technology** is a green campus with lush green lawns, beautiful scenery, aesthetically pleasing architecture, and cutting-edge infrastructure. Usually more Number of students will study in one academic year. Most of the students are coming from Villages of various Dist. Being a rural background student; they don't have much knowledge about waste management.

So, it is necessary to keep the college campus clean and eco friendly by creating awareness about the cleanliness, health and hygiene among the student community. So, policy is framed to maintain and manage the waste generated during college hours.

This policy envisages guaranteeing the moral, social and legal responsibilities of the College in creating an environment-friendly and sustainable world devoid of waste and Exploitation of nature.

This policy is a guidance document to the teaching and non-teaching faculties, and students to behave responsibly in the production of waste, waste segregation, storage, and handling. Transport and disposal.

#### **Policy objectives:**

- Creating awareness among faculty and Students about the ways in which waste is generated and the means by which they can reduce waste generation.
- It is instructed to the Maintenance committee recruited temporary Staff to segregate degradable and non-degradable waste.
- Following the five "R" principles of *reduce, reuse, recycle, refuse* and *regenerate*.





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- Maintaining the campus plastic free.
- To reduce waste generation during college programs and day today work in the campus.
- To encourage holistic approach of waste management in the campus
- Educate and create Awareness to the community about proper waste management through extension activities.

### Policy for solid waste management

- The solid waste generated in the college is related to the day-to-day activities should be segregated in to degradable and non-degradable waste.
- The students should be encouraged to discard wastes to the respective baskets based on the type of solid waste.
- Dustbins should be kept in each class rooms, ladies' room, staff room, laboratories and library of the college.
- It should be monitored by the class teachers.
- NSS, Red Cross, should actively take part in collecting the leaf litter and other degradable waste for making bio compost.
- The food waste generated by the students and staffs should be taken by them to their own home to reduce the generation of waste within the campus.

### Liquid waste management:

- Liquid waste generated in the institute comes under three categories. So, policy is framed to manage such liquid waste in the campus.
- Waste water is however being released in to sewer line running through the campus.

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Estd. : 1997

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- Awareness about the importance of drinking water should be explained the beginning of the academic year to the fresher's of the college.

### E-waste management:

- Electronic waste includes damaged and unserviceable CD's, printers, monitors, hard disc, scanners, calculators, battery, mouse, Key pad, CPU, Xerox machine etc. E wastes should be placed in the separate room.

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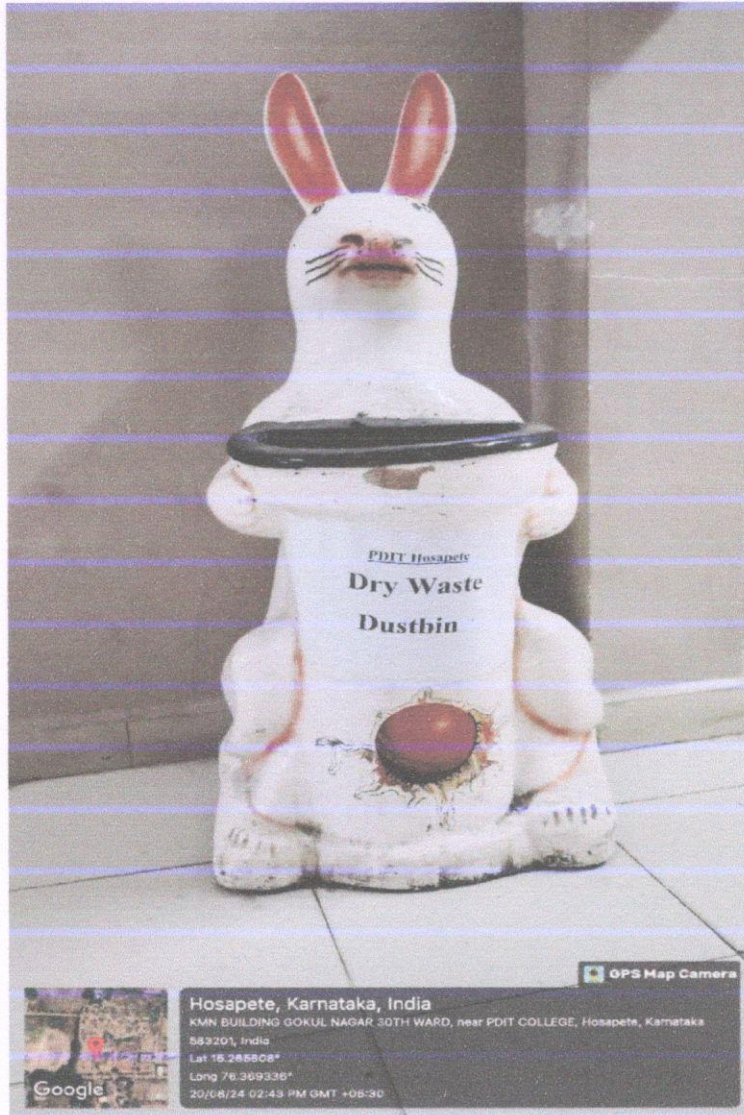
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## 2. Solid waste management

Proudhadevaraya Institute of Technology Hosapete has provided the separate dust bins for the collection of dry waste and wet waste separately in college campus.



Dry solid waste dustbin

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**Wet solid waste dustbin**

### 3. Liquid waste management

Proudhadevaraya Institute of Technology Hosapete has a reverse osmosis (RO) water filtering unit in campus. It is important in colleges because it can provide clean and safe drinking water for students and staffs.

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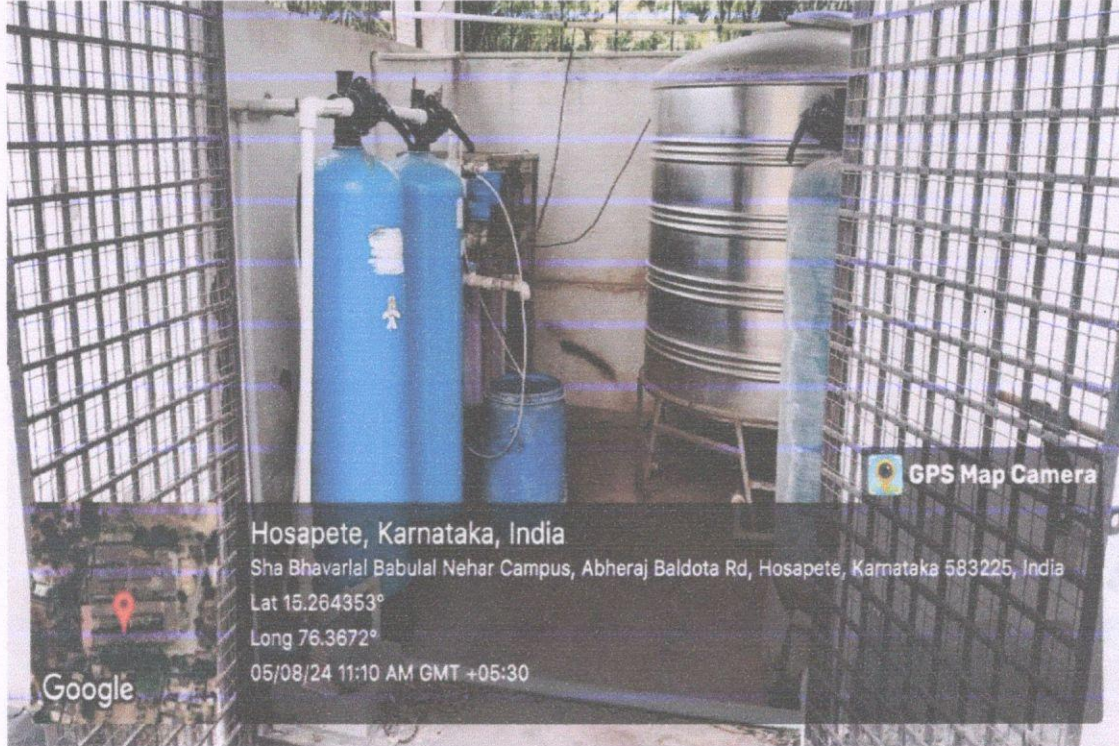
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**RO water filtering unit.**

#### 4. Plastic waste management

Proudhadivaraya Institute of Technology Hosapete has provided the separate dust bins for the collection of plastic waste like pens, plastic geometrical instruments, plastic bags etc. separately in college campus.

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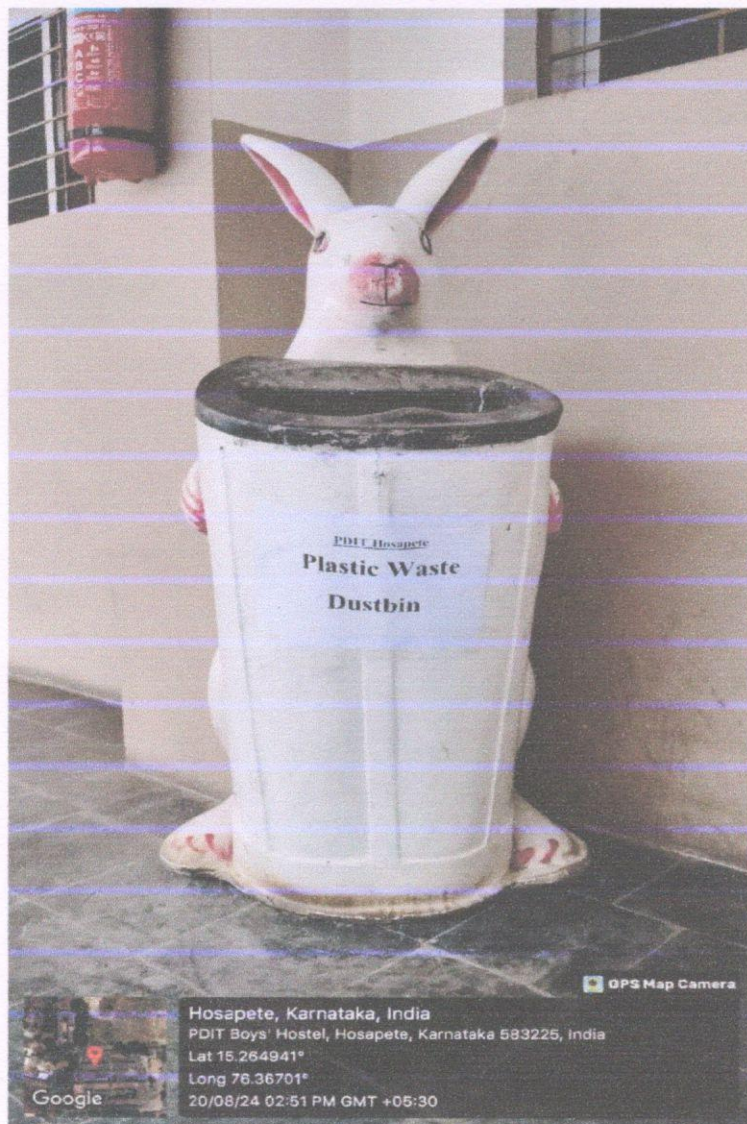
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Plastic wastes dustbin

### 5. Compost pit for degradable waste management

Creating a compost pit is an excellent way to manage organic waste and enrich your soil. Proudhadevaraya Institute of Technology Hosapete has provided the compost pit to create a pile of decaying degradable wastes. 02 compost pits with a size of 05 feet \* 05 feet are constructed in college campus. The organic fertilizer generated in compost pits is used for plant in our college campus.

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Degradable waste managing compost pit

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