

## **PSN College of Engineering and Technology**

(An Autonomous Institution)

Accredited by NAAC and Affiliated to Anna University, Chennai.

ISO 9001-2015 Certified.

Recognised by UGC Under Section 2f & 12B status.

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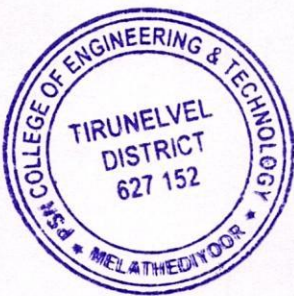
# **CRITERION- 7**

## **Key Indicator - 7.1 Institutional Values and Social Responsibilities**

**Metric No- 7.1.3**

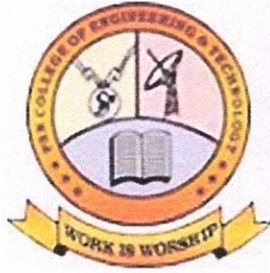
**Environmental Consciousness and Sustainability**

**Name - Institution for the management of the  
following types of degradable and  
non-degradable waste**



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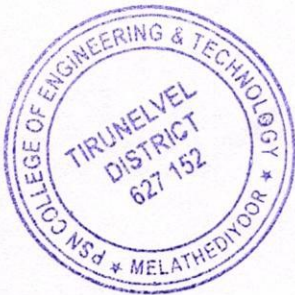
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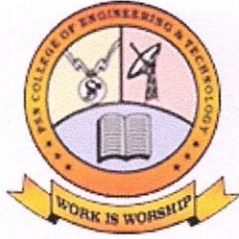
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# **MANAGEMENT OF DEGRADABLE AND NON-DEGRADABLE WASTE**

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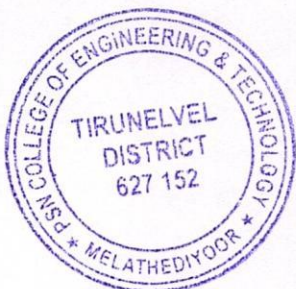
### **Criterion VII - Institutional Values and Best Practices**

#### **Key Indicator - 7.1. Institutional Values and Social Responsibilities**

**Metric No 7.1.3. Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (with in 500 words)**

##### **7.1.3a Solid waste management**

- PSNCET has dustbins in all the floors of the academic blocks, canteen, classrooms, common areas and every open area.
- The institute segregates the recycle of biodegradable waste, by implementing the concept of 3R (Reduce, Resue, and Recycle) to satisfy the objective of sustainable development to maintain ecological balance inside ethe campus premises.
- The dry biodegradable solid waste such as fallen dead leaves, papers and others not allowed to burn inside the campus, they are dump in the ground.
- Use of plastics is strictly banned inside the campus, instead of plastics biodegradable cutleries are encouraged.
- In the periodic manner various awareness campaigns are organized on waste management. To create awareness for students and public towards maintaining sustainable, eco-friendly and green enabled campus. Also, various NSS programs like Swachh Bharat, Clean & Green campus activities and plantation of trees inside the campus are regularly conducted.
- The broken glass wares in the premises are collected in a separate bin over a week and it is disposed as solid waste.



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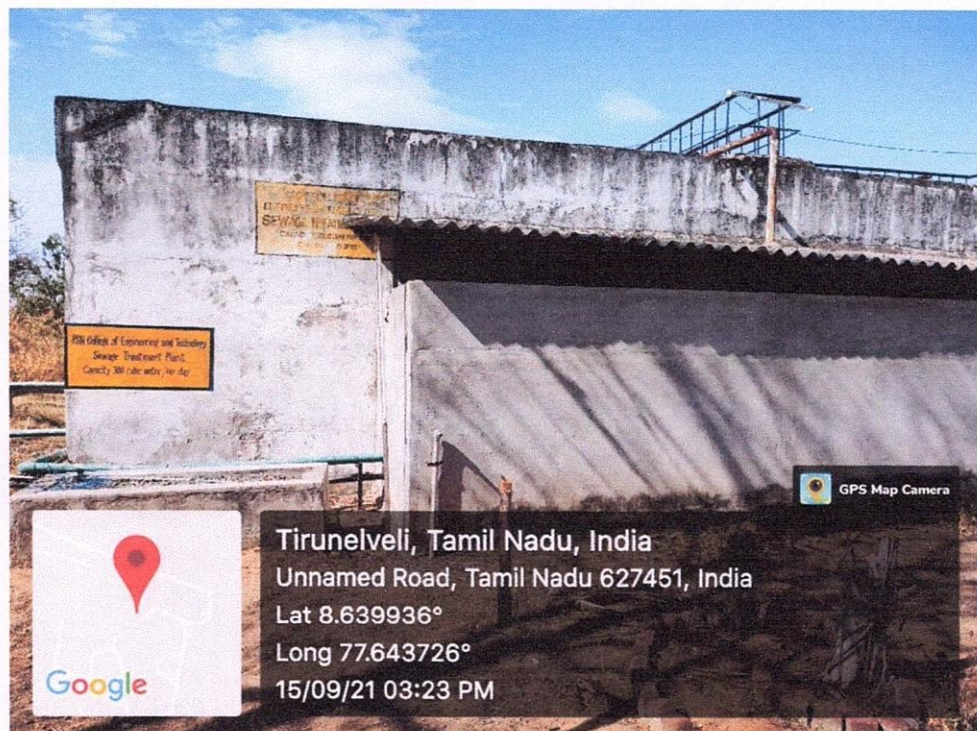
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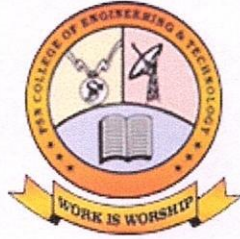
### 7.1.3b Liquid waste management

- PSN college of the engineering and technology keenly taking a control measure to maintain comfortable drinking and non- drinking water management system.
- Sewage treatment plant (STP) over 300 cum hours per day was installed and treated the water which is utilized to maintain the plants and trees in the premises.
- Eco-friendly floor cleaners are used in the restrooms and corridors, the water used by the peoples inside the campus are recycled via this sewage treatment plant.
- Water conservation is one of the important processes now a day, rain water harvesting through downpour and it is stored in the undergrounds using storage tanks.
- The institution has significant provisions for rain water harvesting, a total of 4 numbers of rain water pits installed in the buildings of campus premises.
- Addition to this, specialized rain water channel with proper recharge of ground water is planned. With the adequate roof water collection during the rainy seasons.



  
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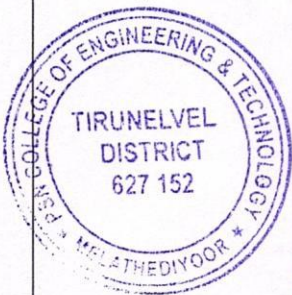
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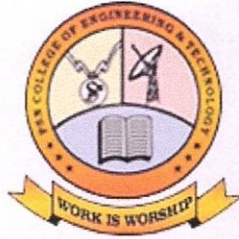
**STP Plant at PSNCET Campus**



**Rain water harvesting Pit in the First Year Block**

  
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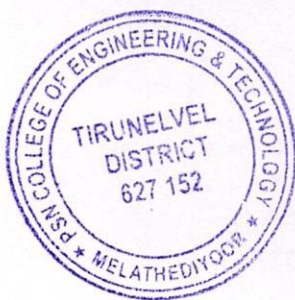
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### 7.1.3d E-waste management

- E-waste collecting bins are placed in the computer centers, as well as separate store rooms are available for the storage and reuse, if possible.
- The institution advice the stakeholders for the optimum usage of the electrical and electronic items such as computers, printers, and other products.
- The institute take ultimate effort to minimize the e-waste by repairing of computer peripherals. Only lighting appliances are replaced, soon the campus and hostels are installed with LED bulbs and other energy saving devices.
- E-waste generated from various departments which cannot be reused or recycled is being disposed off centrally through certified eco-friendly vendors.
- Instead of buying a new machine buyback option is taken for technology up gradation. Any damages or reductions in capacity are set right by repairs.
- In addition, the college has emphasis on minimum paper usage to save carbon emission through printers.
- The institution also, have the practice of the electronic products are repaired or reuse instead of thrown away.



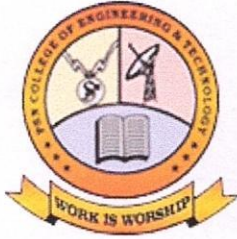
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### 7.1.4e Waste recycling system

- The institution has paper recycling plant with capacity of 1 tonne.
- Waste foods from canteens, and hostels are sent to a pig farm as a food for pigs, without dispose as a waste.
- Annually written examination papers and used records are sent for recycling, to Tamil Nadu News print and Papers Limited.

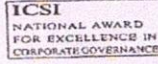
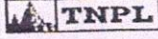


**Waste Paper Recycling Plant**

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Dec 04, 2019

MM/WP/2019

To

Dr.V.Manikandan  
The Principal,  
PSN College of Engineering and Technology,  
PSN Nagar, PSN College Rd,  
Melathediyoor,  
Tirunelveli- 627152.

Mail Id: principaloffice@psncet.ac.in

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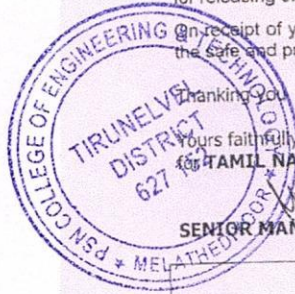
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