



SRI VENKATESWARA

COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

MANAGEMENT OF DEGRADABLE AND NON-DEGRADABLE WASTE

- Our institution provides the following facilities to manage the various types of degradable and non-degradable waste in the college premises.
- College provides separate bins for degradable and non-degradable waste.
- College provides garbage collection vehicle to collect and dispose the waste in the proper way from bins.
- Awareness poster on food waste and water conservation are placed in the college canteen and various blocks of the college.
- E-waste are stores for academic demonstrations purpose and also sold out to entity with whom MOU was agreed upon the disposal of obsolete e-materials every year.
- The following facilities are available to manage various types of degradable and non-degradable:

1. Solid waste management
2. Liquid waste management
3. Waste recycling system
4. Regarding food waste and water conservation
5. E - Waste management
6. Segregation of non-degradable waste
7. Sanitary napkin incinerator



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1. Solid waste management

Solid waste management includes the activities and actions required to manage waste from its inception to its final disposal. SVCET has its own house keeping staff to collect solid waste material from staff residents/flats, hostels, staff rooms, colleges, and canteen in separate containers. Solid waste garbage further divided into the form of biodegradable and non-biodegradable. Biodegradable waste consists of vegetables peels, fruit peels and waste food etc. Non-biodegradable waste is plastic, metals and glass bottles etc. all these items are transported separately to the garbage segregation unit.



Solid waste management dustbin from admin-block




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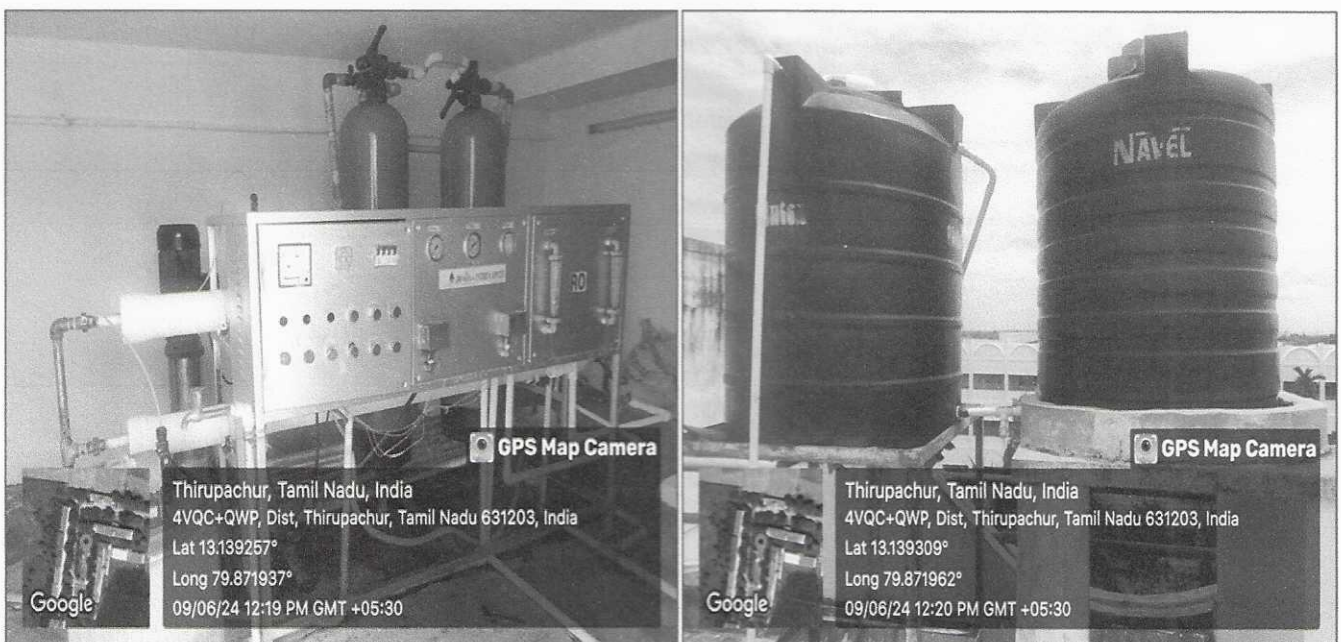


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1. Liquid waste management

The institute utilizes a sewage treatment plant to recycle wastewater, specifically from the RO system, for restroom purposes. Effluents from the toilets are collected and recycled for gardening purposes. Additionally, water discharged from laboratories, the canteen, and common areas is directly used for gardening.



Liquid waste management instrument present at SVCET B-block

2. Waste water recycling system

Wastewater produced on campus, such as sewage, hostel, and mess fluid waste, undergoes treatment. The treated water is then utilized for watering the gardens, while the sewage treatment plant residue is dried and repurposed as garden fertilizer. Every drop of wastewater generated within the campus is processed and recycled. Additionally, in the chemistry lab, used acids are diluted before disposal down the sink.




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Waste water recycling system present at SVCET sports ground end

3. Regarding food waste and water conservation

- Every day, a considerable quantity of food is wasted by students. As many students congregate in the mess hall for meals, a display about food waste and water conservation is put in place to address these problems.
- Water efficiency displays can encourage people to make decisions and increase awareness of environmental problems.
- By setting up a display about food waste and water conservation, you may inspire people to make more ecologically friendly decisions and foster a culture of sustainability. In the long run, this can save money and resources in addition to helping the environment.



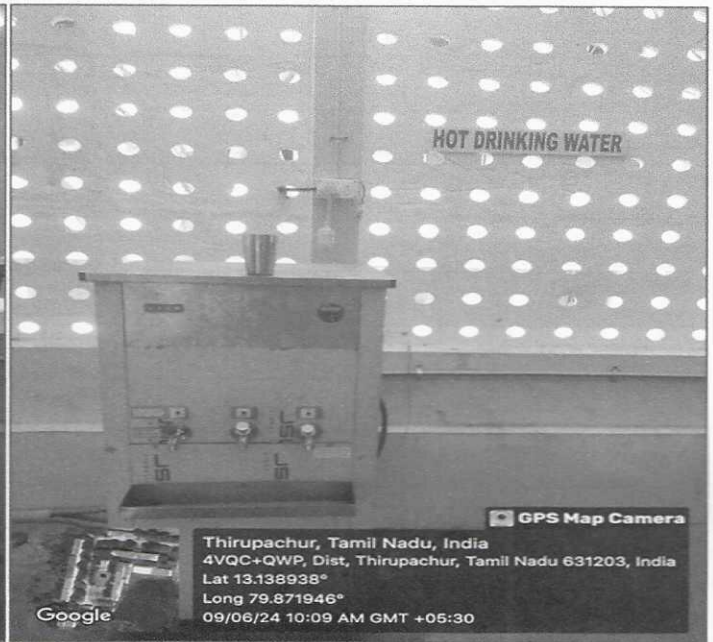
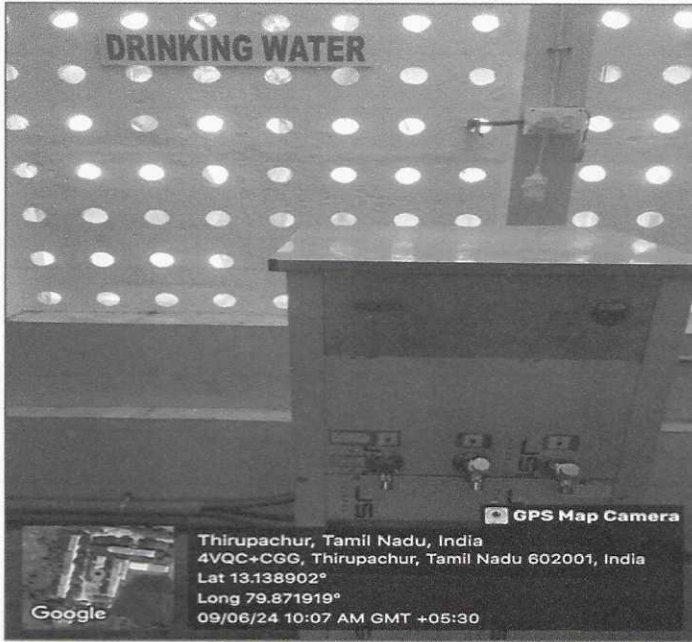

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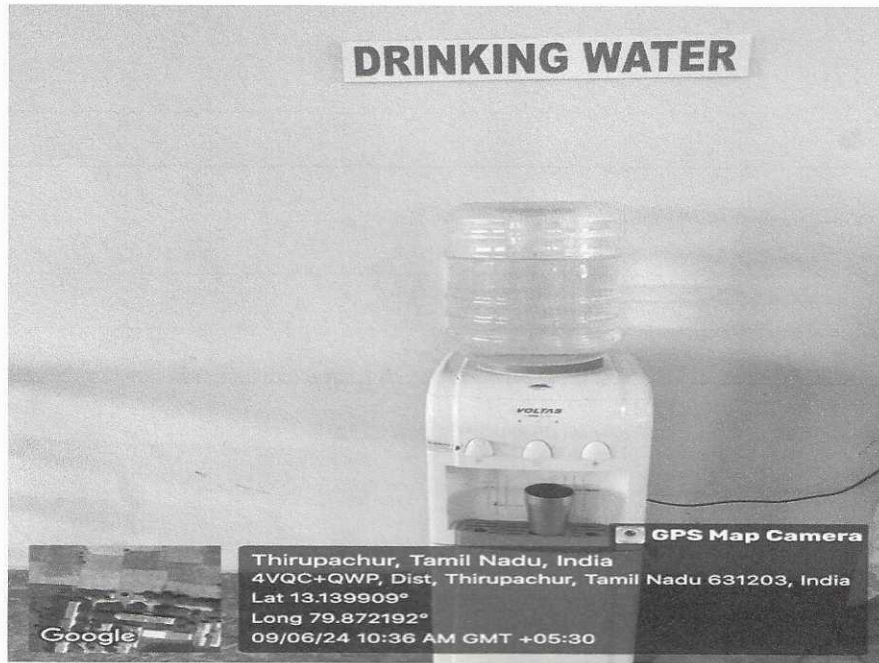


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Purified drinking cool water and hot water showed at hostel area



Drinking water board is displayed in admin block



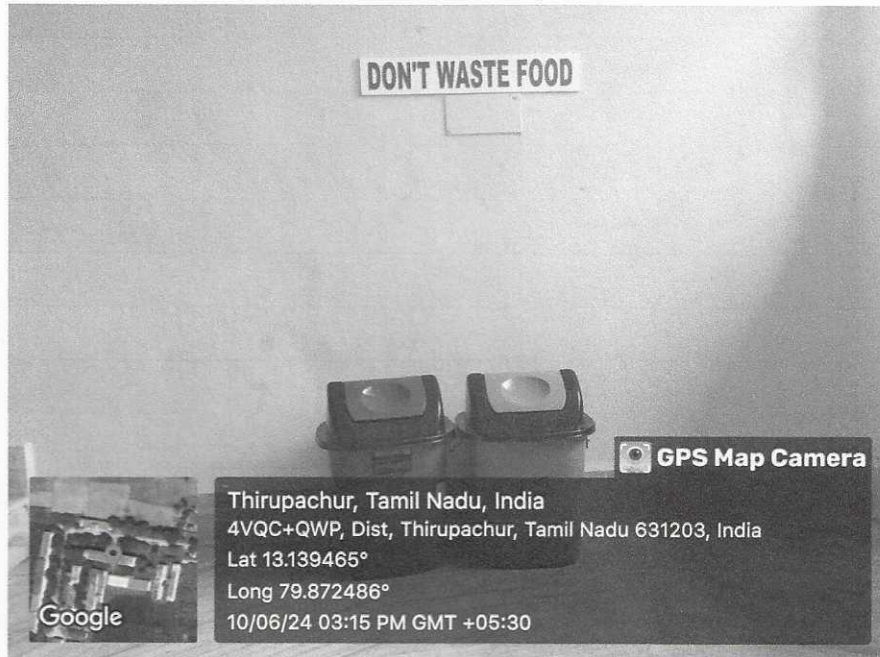

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Don't waste food board is showed in hostel areas

4. E - Waste Management

Sri Venkateshwara College of Engineering and Technology has implemented a highly effective system for managing E-waste produced by its computer lab, science labs, and academic and administrative offices. Any equipment that cannot be reused or recycled is carefully stored for future disposal. The institute is proactive in minimizing E-waste generation on campus. Outdated electronic items like monitors, computers, and batteries are sorted and sold to authorized vendors as scrap.




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E-waste management at F-block in SVCET

5. Segregation of non-degradable waste

- ❖ Waste is predisposed of in allocated zones positioned distantly from academic spaces.
- ❖ Non-degradable waste is sorted and stored separately.
- ❖ In the F-block have some store room to make the, all waste materials are collected and disposed of regularly.




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Segregation of non-degradable waste in the store room at F-block in SVCET

6. Sanitary napkin incinerator

Sanitary napkin incinerator is an easy and hygienic way of destroying or disposing of sanitary napkins. Our sanitary napkins incinerator helps to keep the college clean and hygienic.




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Sanitary napkin incinerator at girls' rest room in A-block




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