



VSB College of Engineering Technical Campus

Approved by AICTE, New Delhi & Affiliated to Anna University
Coimbatore to pollachi Road NH - 209, Ealur Privu, Kinathukadavu Taluk,
Coimbatore - 642109, Tamilnadu, India. Email: office@vsbcetc.com Website : www.vsbcetc.com

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

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Solar energy



- Solar water heaters use natural sun light to heat water. This system works on the thermosiphon principle and is designed to provide hot water without consuming expensive electricity. This is the most effective way to generate hot water thereby saving costly power and is also environment friendly.
- The energy obtained is used for heating water in hostels. Adopting such technologies help students to understand how their activities may create an impact on environment.
- Improving Energy Efficiency: After your water heater is properly installed and maintained, try some additional energy-saving strategies to help lower your water heating bills, especially if you require a back-up system. Some energy-saving devices and systems are more cost-effective to install with the water heater.




Principal
V.S.B. College of Engineering Technical Campus,
Coimbatore - 642 109

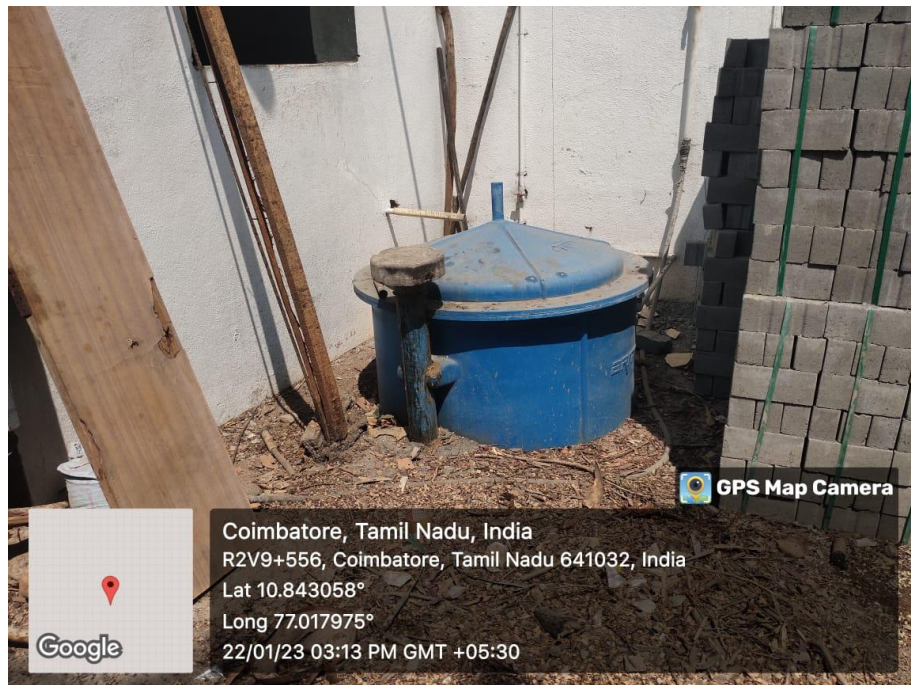


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Biogas plant

In our institution, kitchen waste is used to generate thermal energy for cooking. The bio-gas produced from food waste, decomposable organic material and kitchen waste, consisting of methane and a little amount of carbon dioxide is an alternative fuel for cooking gas (i.e. LPG). Day to day kitchen waste is send to bio gas plant for processing, where the Kitchen waste is processed and produces biogas. Eco-friendly technology allows for the production of renewable natural gas in the form of bio-methane.



Thirumala
Principal
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Sensor based energy conservation

The college has a big number of electronic and electrical equipments such as computers, LED projectors, tube lights CFLS etc. Energy conservation generally includes actions to reduce the amount of end use energy consumption. This can be achieved either by using energy more efficiency through sensor based technology. Energy conservation is part of concept of eco sufficiently.



Thiruvijayar
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Use of LED Bulbs or power efficient equipment



Battery Powered Vehicle



Battery Powered Vehicle

- Considering the importance of environment and to maintain a pollution free campus we have encouraged the usage of battery powered vehicle.
- The vehicle is used for the movement of staffs and students from campus to hostel.
- Parents and visitors are also encouraged to use this vehicle in our campus.





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Generator



- In our institution generator are used to converts mechanical energy to electricity for transmission and distribution over power lines to domestic and hostel electricity purposes.




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