



Sri
SAIRAM
COLLEGE OF ENGINEERING
Formerly Shirdi Sai Engineering College

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi

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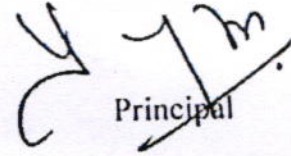
Anekal, Bengaluru

25/03/2016

Circular

Sub: Awareness on energy efficient devices in daily life-Reg.

This is bringing to your kind notice that our college is organizing **Awareness on energy efficient devices in daily life** on **28th March 2016** from 9.30 a.m to 4.00 p.m in Bidaragere Village, Anekal. You are cordially invited and your participation in full strength is expected, for the effective utilisation of the programme.


Principal

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All HOD's, TPC, Office, TO, Transport

Awareness on energy efficient devices in daily life

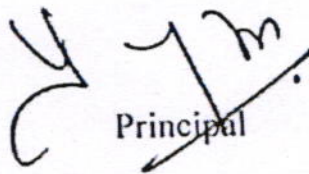
Energy saving is a hot topic due to the proliferation of climate changes and energy challenges globally. However, people's perception about using smart technology for energy saving is still in the concept stage. This means that people talk about environmental awareness readily, yet in reality, they accept to pay the given energy bill. Due to the availability of electricity and its integral role, modulating consumers' attitudes towards energy savings can be a challenge. Notably, the gap in today's smart technology design in smart homes is the understanding of consumers' behaviour and the integration of this understanding into the smart technology.

A safety measures upon using electricity programme was conducted for farmers in bidargere village on 28th March 2016 by our institution. Nearly 66 villagers have participated. Our students explain about the below mentioned safety measures.

1. Change your light bulbs to LEDs.
2. If possible, wash your clothes in cold water.
3. Sealing cracks, gaps, leaks, and adding insulation can save up to 10% on home heating and cooling costs.
4. Clean or replace all filters in your home regularly. Dirty filters make your system work harder and run longer than necessary.
5. Use your microwave instead of your stove when cooking.
6. To ensure your appliances are running efficiently, defrost your refrigerator and freezer before ice buildup becomes 1/4-inch thick.
7. During warmer months, close blinds, shades and drapes on the sunny side of your home to help keep your home's temperature cooler and reduce the work for you AC. Open shades during cooler months to let the sun warm your home.

8. Don't peek in the oven while baking! Every time you peek, the temperature can drop 25 F, making your oven use more energy to bring the temperature backup.
9. Use natural light when possible.
10. Control your fixtures with a photocell or a timer to assure dusk-to-dawn only operation of your outdoorlights.
11. Don't leave your computer on all day long. Only turn on your computer, monitor, printer and fax machine when you needthem.
12. Set your thermostat as high as comfortably possible in the summer and as low as possible in the winter. The smaller the difference between the indoor and outdoor temperatures, the lower your overall heating and cooling bill willbe.
13. Using your ceiling fan will allow you to raise the thermostat setting about 4°F with no reduction incomfort.
14. Refrigerators and freezers actually operate most efficiently when full, so keep your refrigerator and freezer as full as possible. Be careful about overfilling them as this will reduce airflow and cause the appliance to workharder.
15. Using dishwashers and clothes washers/dryers at night will keep the house cooler, reduce strain on the power grid during the peak usage hours of 4 PM and 6 PM and reduce the chance of anemergency!
16. Turn off heated dry on your dishwasher and air dryinstead.
17. Set your refrigerator temperature to the manufacturer's recommendation to avoid excessive cooling and wastingenergy.
18. Don't leave bathroom or kitchen ventilation fans running longer than necessary. They replace inside air withoutside.
19. If your home has single-pane windows, consider replacing them with more energy efficient windows, or adding solar shades or tintingfilm.
20. Adjust the thermostat only to the desired temperature. Your home won't heat or cool faster by cranking itup.
21. Install a programmable thermostat that will automatically adjust the temperature according to yourschedule.
22. Turn off the lights when they're not in use. Lighting accounts for about 12% of a typical residential utilitybill.
23. Don't leave your mobile phone plugged in overnight. It only takes a couple of hours tocharge.

24. Turn off the oven a few minutes before cooking time runs out. Your food will continue to cook without using the extra electricity.
25. Avoid placing appliances that give off heat, such as lamps or TVs, near a thermostat.


Principal