



Sri SAI RAM INSTITUTE OF TECHNOLOGY

(Managed by Sapthagiri Educational Trust, Chennai - 17)

An ISO Certified Institution, Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
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Founder Chairman : MJF. Ln. Leo Muthu



7.1.3 ALTERNATIVE ENERGY INITIATIVES

Renewable energy sources

- Active as well as passive solar techniques are used on the campus.
- In active solar energy source, 50 solar panels were installed, with 50 KW peakpower.
- Personal computers, fans, tube lights and network switch are operated on this solar power.

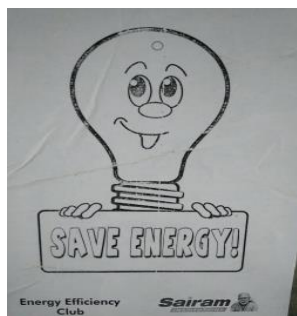


Solar panels installed

| Power requirement met by renewable energy sources | Total power requirement | Renewable energy source | Renewable energy generated and used | Energy supplied to the grid |
|---|-------------------------|-------------------------|-------------------------------------|-----------------------------|
| 64800 kW | 388692 kW | Solar | 64800 kW | Nil |

Minimal consumption of energy is the saving factor of energy conservation in the campus. The notices near the switch boards used to creating awareness about power saving and safety. The faculty, staff and students are taking care to switch off power supply whenever it is not required. College has class rooms and toilets that are sufficiently ventilated and allow natural light, thus usage of electric lights are minimized. Awareness is created among faculty members and students to maximize conservation of energy.

Awareness is created among student and faculty members the day they join our institute so that littering is avoided in the campus. Apart from that Waste bins are kept at suitable locations in the campus so that littering does not occur. Students and faculty members have been created awareness to not to waste food items.



Energy Efficiency Club Sairam INSTITUTIONS