

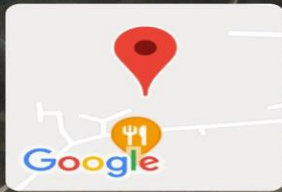
## *7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures*

### *Solar energy:*

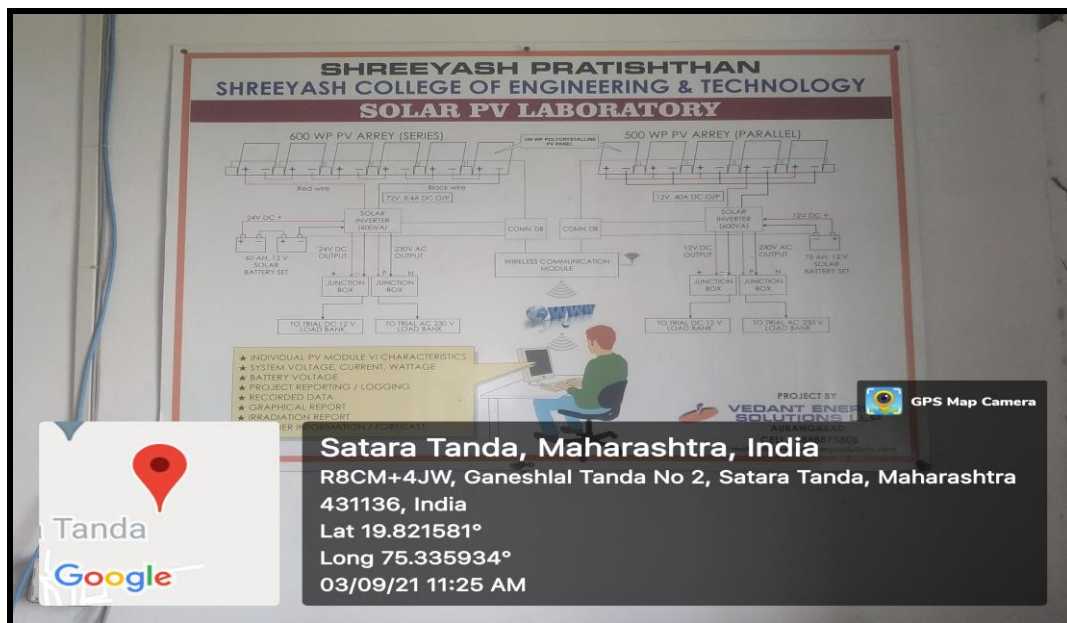
Solar energy is produced by the sun's light - photovoltaic energy offers many benefits that make it one of the most promising energy i. Renewable, ii. Inexhaustible, iii. Non- polluting, iv. Avoids global warming, v. Reduces use of fossil fuels, vi. Reduces energy imports, vii. Contributes to sustainable development. The Ministry of New and Renewable Energy (MNRE), Govt. of India has been promoting with the aim to develop and deploy New and Renewable energy for supplementing the energy requirement of the country.

In our college the rooftop solar PV power plant of capacity 1.1 KWP had been installed on the rooftops of Engineering as well as boys hostel buildings, as a consequence an amount of Rs.2, 94, 880.00 (Rupees Two Lakh ninety four Thousand eight hundred eighty rupees only) has been saved since January, 2017 till date.





**Satara Tanda 2, Maharashtra, India**  
 Shreyash College Rd, Satara Tanda 2, Maharashtra  
 431136, India  
 Lat N 19° 49' 6.8772"  
 Long E 75° 19' 48.1548"  
 15/06/21 03:06 PM



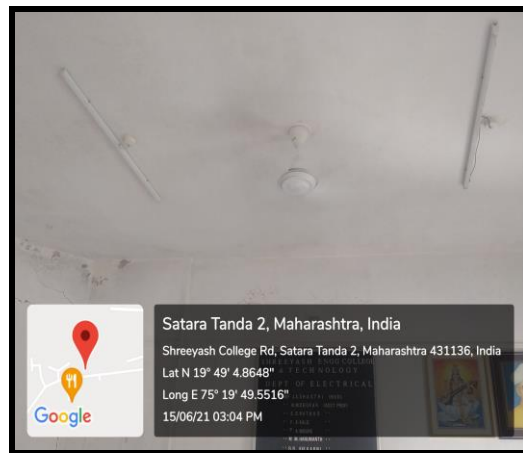
**Satara Tanda, Maharashtra, India**  
 R8CM+4JW, Ganeshlal Tanda No 2, Satara Tanda, Maharashtra  
 431136, India  
 Lat 19.821581°  
 Long 75.335934°  
 03/09/21 11:25 AM

**LED:**

The institution is moving towards 100% LED lights. Our students are instructed to use electricity wisely and signage's are displayed to reinforce appropriate use of electricity additionally use of power efficient equipment (five star ac) is used in

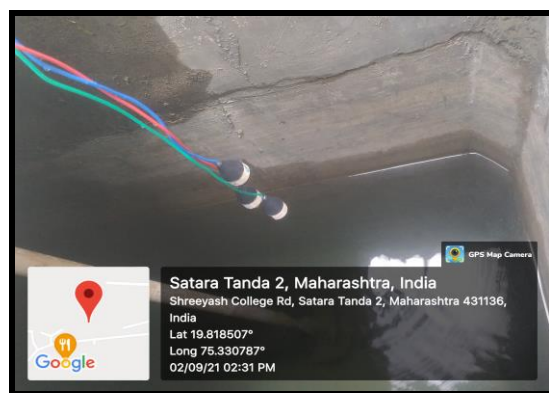
campus.

All the tube lights are with electronic ballasts and the college management is in the process to convert into LED Tubes. In our college 11/05 KV Sub-Station within college premises was able to convert the existing HPSV/HPMH outdoor light fittings into LED outdoor lightings, as a consequence an amount of Rs.7, 78,791.00 (Rupees seven Lakh Seventy Eight Thousand Seven Hundred and Ninety One) only (Approx.) has been saved since September, 2017 till date.



### Sensor-based energy conservation:

Building a water level indicator in college utilizing a water sensor with three levels that consists of inside a tank with three levels and a buzzer to show when the tank is full, then the motor pump is automatically turned off. When the sensor detects that the tank is empty, the motor pump is immediately turned on until the tank is filled.





Air conditioners are controlled via a remote, which allows for easy temperature control. We must utilize a 5-star air conditioner, which contributes to energy conservation.

