



Alternate Sources of Energy and Energy Conservation Measures

**Udai Pratap College
Varanasi**

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50 kW Solar Power Plant



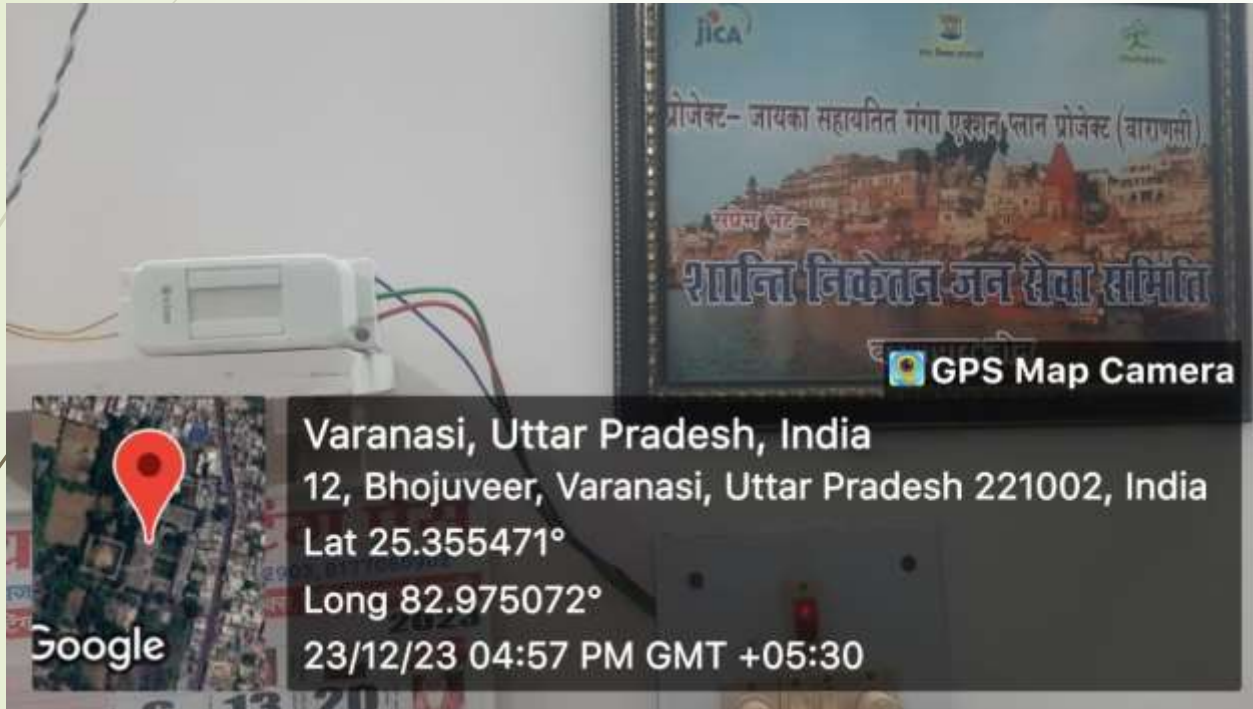
50kW solar power system in the college



Use of Solar Light for Outdoor Lighting



Use of Devices for Sensor Based Energy Conservation



These devices are installed at various places in the college and turn off the electrical appliances by detecting the ambient movement.

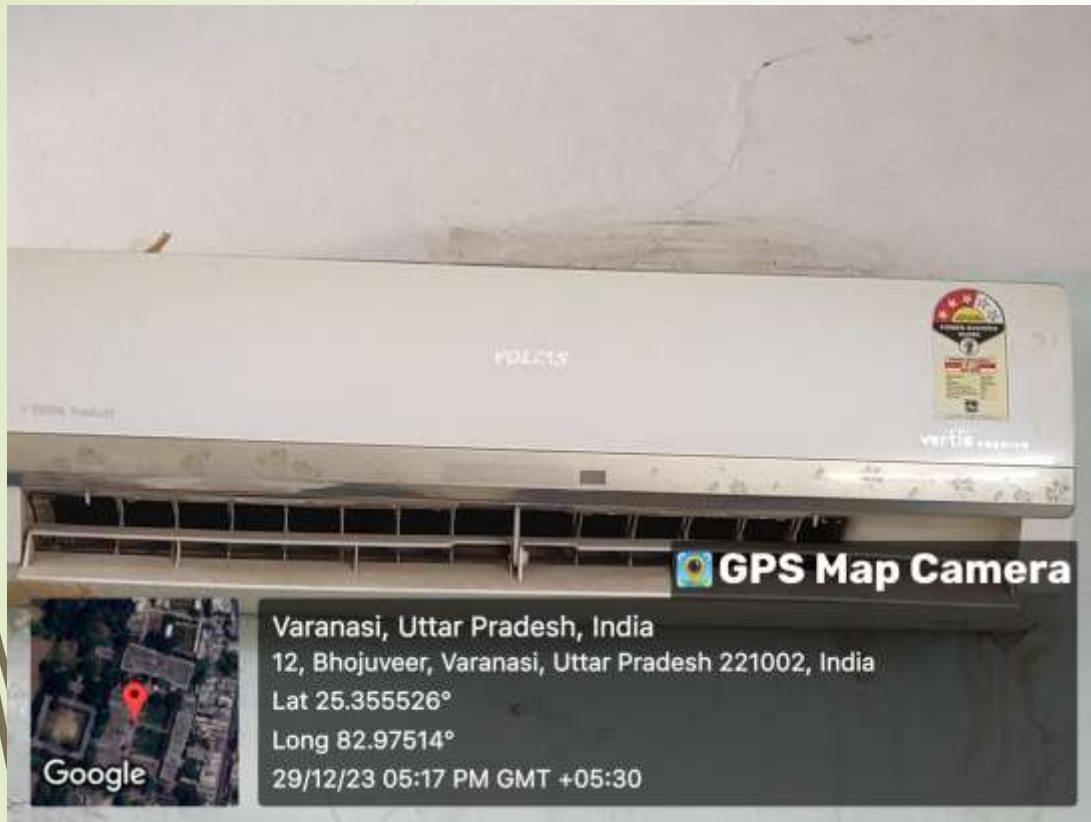


Use of Energy Efficient Electrical Appliances

LED Tube lights



LED Bulb



3 Star Air conditioner