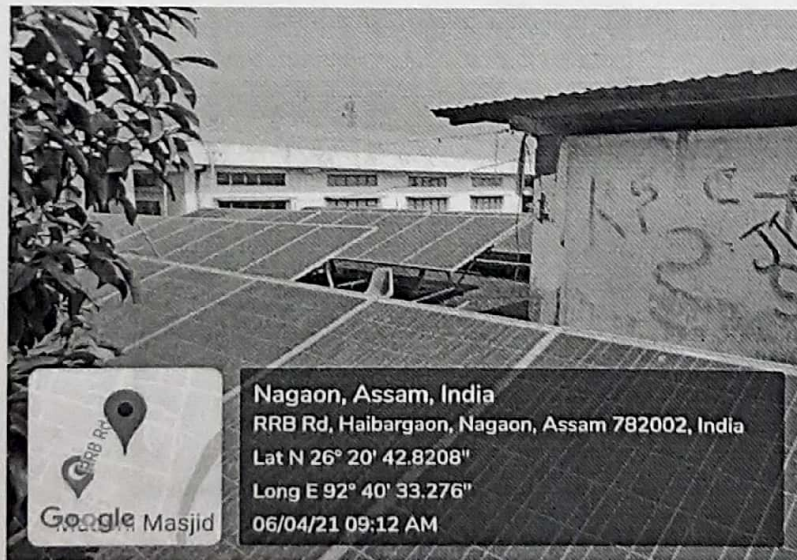



## Alternate Energy initiatives of the College met by the renewable energy sources

Anandaram Dhekial Phookan College, Nagaon, Assam

Awareness programmes on energy conservation and Environmental Consciousness is organized by the college. Strict measures are taken to ensure that energy is conserved. Power is switched on only when required otherwise kept off when not in use. Electricity is used wherever natural light is insufficient. Tube lights and LED bulbs are used instead of incandescent bulbs. Almost all the computer monitors in use are LED or LCD to ensure minimum usage of electricity.

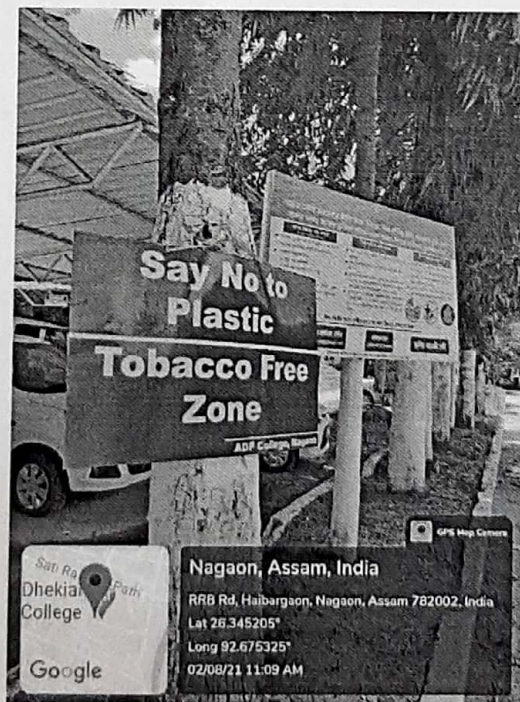
ADP College, being one of the largest colleges of Assam, consumes on an average 8165 kW- hr (units) of electricity per month which turns out to be 97981 kW-hr per year only to maintain its volumetric activities throughout the year. The college has adopted eco-friendly initiative through solar energy mode which reduces the global pollution level. Renewable energy sources, Solar panels are used in the campus. The college has installed roof top solar panels. The required amount of power that is consumed by the college comes from two sources: Electricity and Solar power. 81.17% power is consumed from electricity and 18.83% from solar energy. During load-shedding, power from generator is used as compensatory electric power source. The contribution of LED bulbs and LED tubes to the net power consumption is 17.53 %. There are total of 126 nos. of LED bulbs, 234 nos. of tubes, 103 nos. of CFL bulbs, 107 nos. of filament bulbs and 467 nos. of fans in the entire college campus. The authority keeps on replacing the old filament bulbs, CFL bulbs and tube lights by low energy consuming LED bulbs and LED tubes and bulky high power consuming fans by energy efficient fans in order to keep the electricity consumption of the college as low as possible.




  
Principal  
Anandaram Dhekial Phookan College  
Nagaon (Assam)



Solar Panel Installed at rooftop



Plastic free zone


  
**Principal**  
**Anandaram Dhekial Phookan College**  
Nagaon (Assam)



Alternate source of electricity



Use of LED bulbs/LED monitor

  
**Principal**  
**Anandaram Dhekial Phookan College**  
**Nagaon (Assam)**