



B. K. L. Walawalkar Rural Medical College

Affiliated to Maharashtra University of Health Science, Maharashtra

NAAC Accredited with CGPA at 'B++' Grade

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NAAC
AQAR 2023-2024

Criterion VII
7.1.3

7.1.3. The Institution has facilities for alternate sources of energy and energy conservation measures

- SOLAR ENERGY
- WHEELING TO THE GRID
- SENSOR BASED ENERGY CONSERVATION
- BIOGAS PLANT
- USE OF LED BULBS/ POWER EFFICIENT EQUIPMENT



DEAN

Shri Vithalrao Joshi Charities Trust's
B. K. L. WALAWALKAR RURAL MEDICAL COLLEGE



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SOLAR ENERGY REPORTS

INDOOR HOSPITAL BUILDING		
1	Model of Solar Module	Solar Vikram Somera
2	Power of each Module	450 Wp
3	Number of Solar Module	690 nos
4	AC distribution Board	1 nos
5	Inverter Capacity	100 KW* 3 nos
6	Total Power Generation	310 KWP

Sports Complex	
Model of Solar Module	Solar Vikram Somera
Power of each Module	450 Wp
Number of Solar Module	156 nos
AC distribution Board	1 nos
Inverter Capacity	70 KW* 1 nos
Total Power Generation	70.2 KWP

Campus buildings	
Model of Solar Module	Solar Vikram Somera
Power of each Module	450 Wp
Number of Solar Module	47 nos
AC distribution Board	1 nos
Inverter Capacity	20 KW* 1 nos
Total Power Generation	21.15 KWP

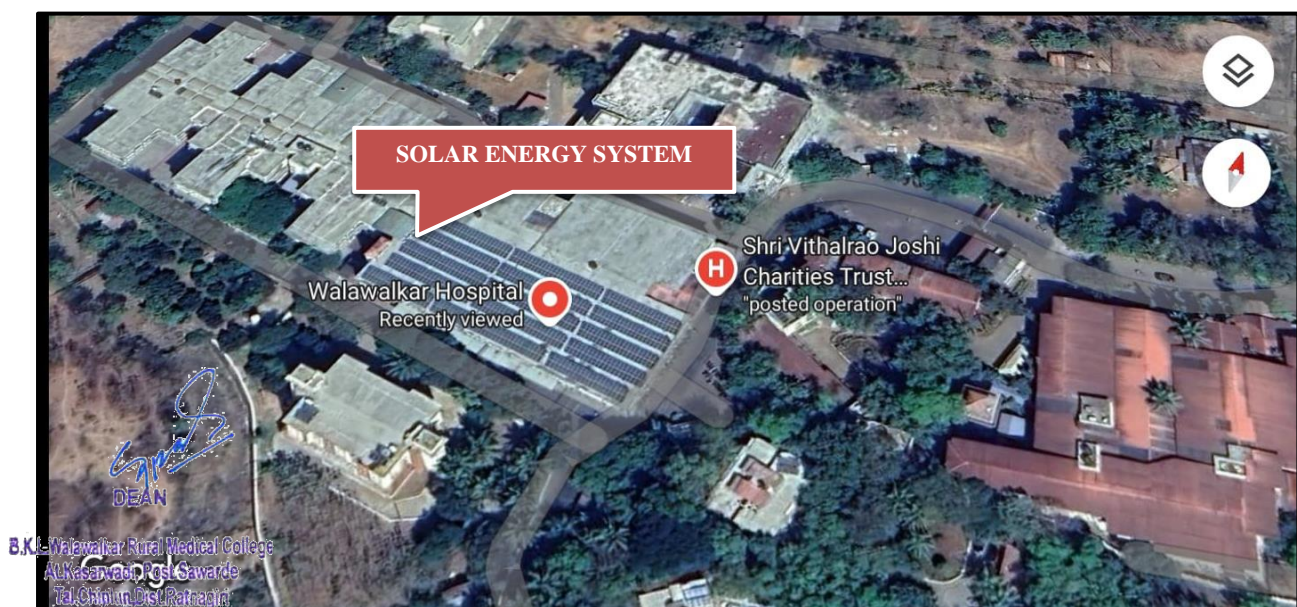
Venna Building Girls Hostel	
Model of Solar Module	Solar Vikram Somera
Power of each Module	450 Wp
Number of Solar Module	24 nos
AC distribution Board	1 nos
Inverter Capacity	10 KW* 1 nos
Total Power Generation	10.8 KWP

Avanti Building Girls Hostel	
Model of Solar Module	Solar Vikram Somera
Power of each Module	450 Wp
Number of Solar Module	24 nos
AC distribution Board	1 nos
Inverter Capacity	10 KW* 1 nos
Total Power Generation	10.8 KWP

Chanchala Building Girls Hostel	
Model of Solar Module	Solar Vikram Somera
Power of each Module	450 Wp
Number of Solar Module	24 nos
AC distribution Board	1 nos
Inverter Capacity	10 KW* 1 nos
Total Power Generation	10.8 KWP



Arial View of Solar Energy System



WHEELING TO THE GRID

Electrical Panels



Generator



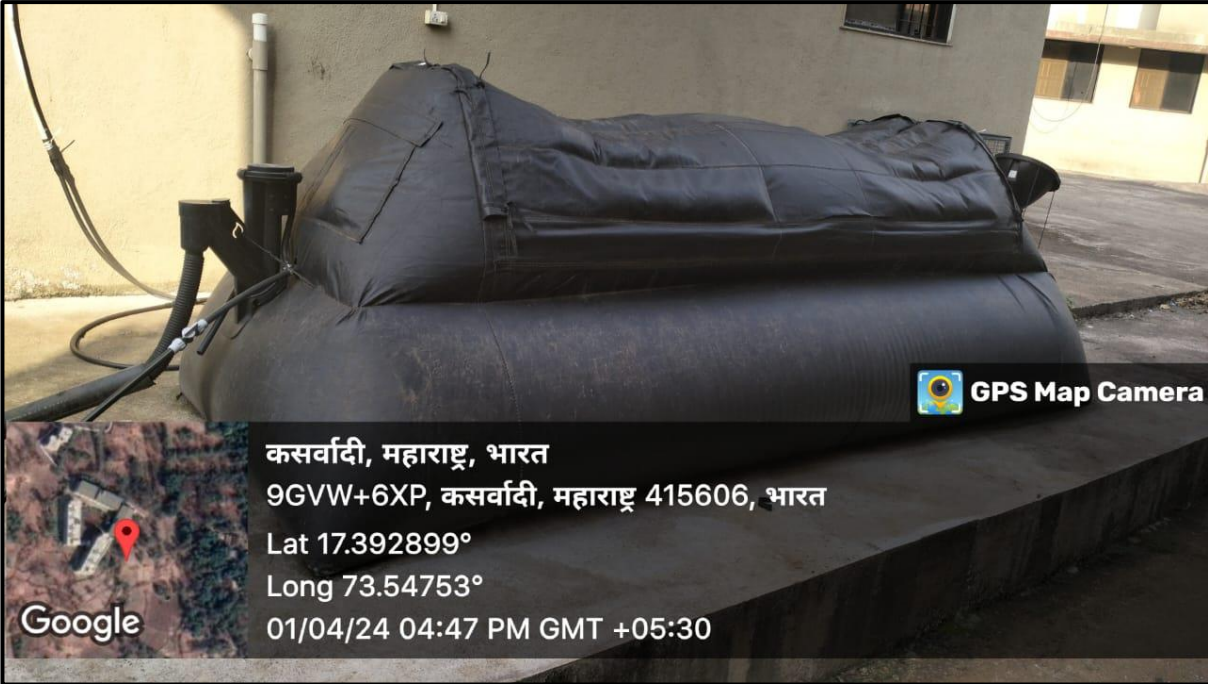
SENSOR BASED ENERGY CONSERVATION




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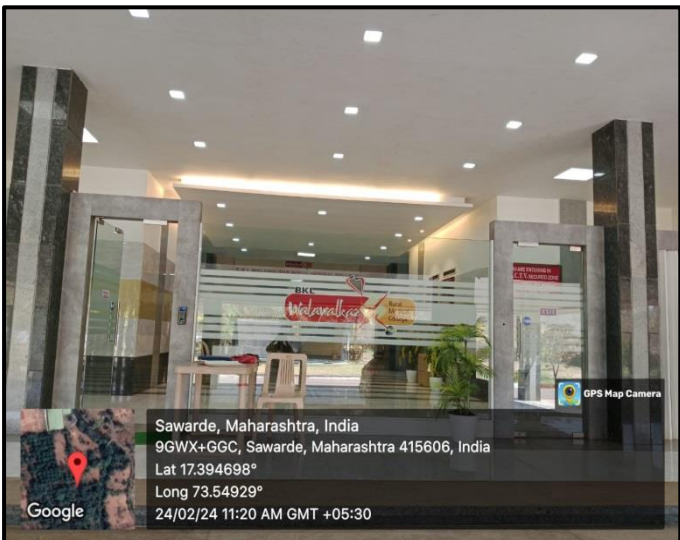
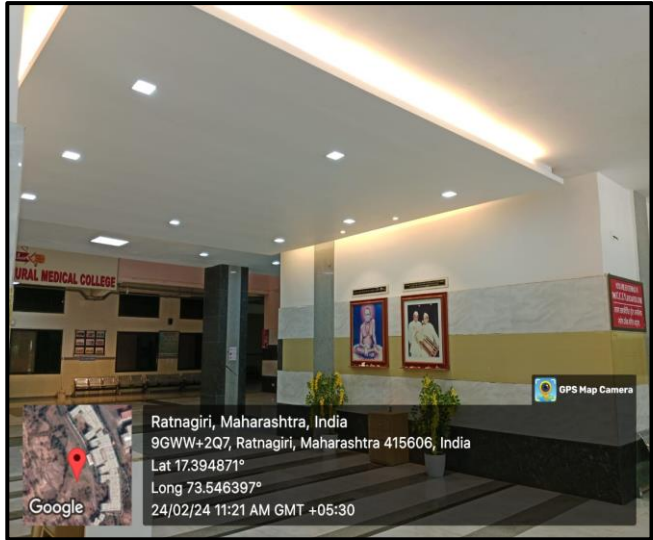
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BIOGAS PLANT




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USE OF LED BULBS/ POWER EFFICIENT EQUIPMENT PHOTO




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