



# SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER

**Session 2022-23**

**Criterion  
VII**

**Institutional Values and Best  
Practices**

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

*Solar energy*

*Biogas plant*

*Wheeling to the Grid*

*Sensor-based energy conservation*

*Use of LED bulbs/ power-efficient equipment*

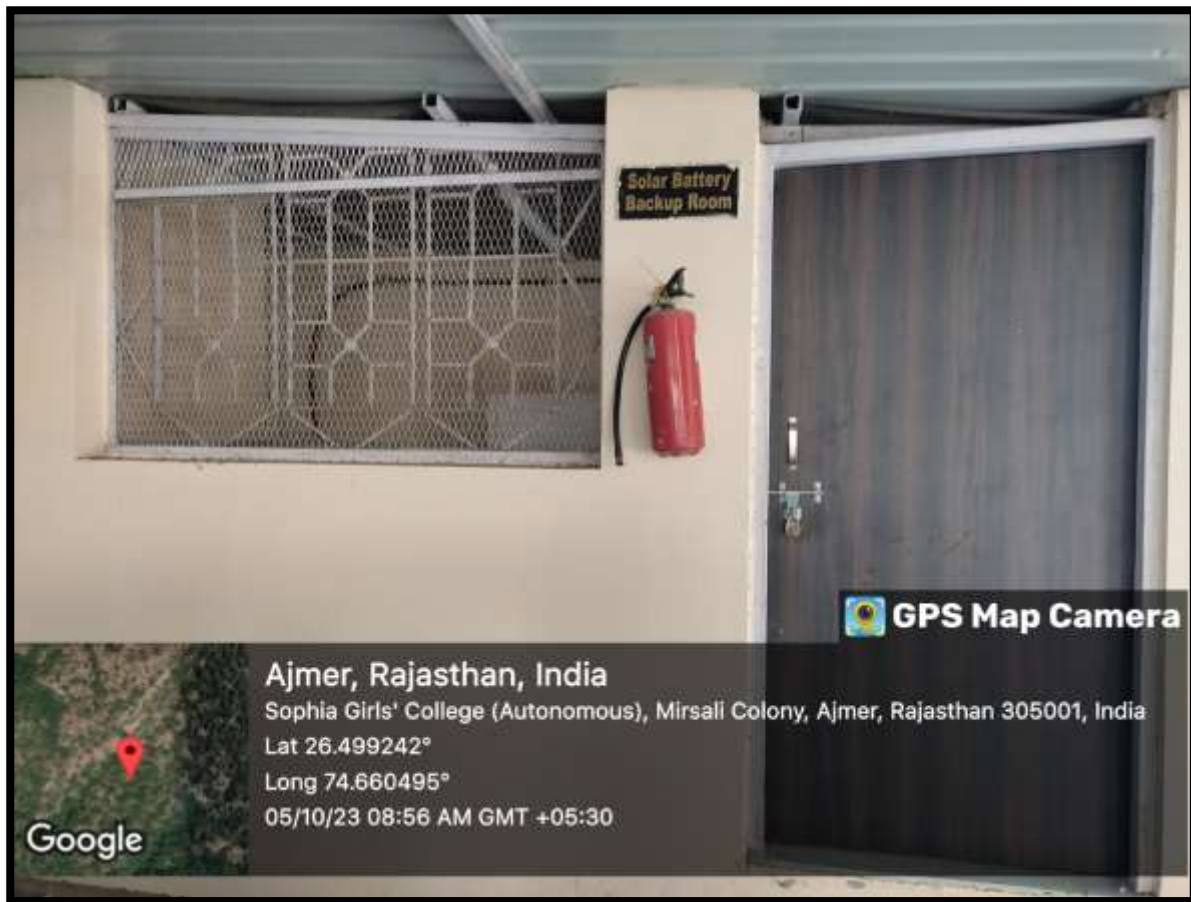
## ALTERNATE SOURCES OF ENERGY



Solar Panel



## Solar Water Heater – 2500 Litres

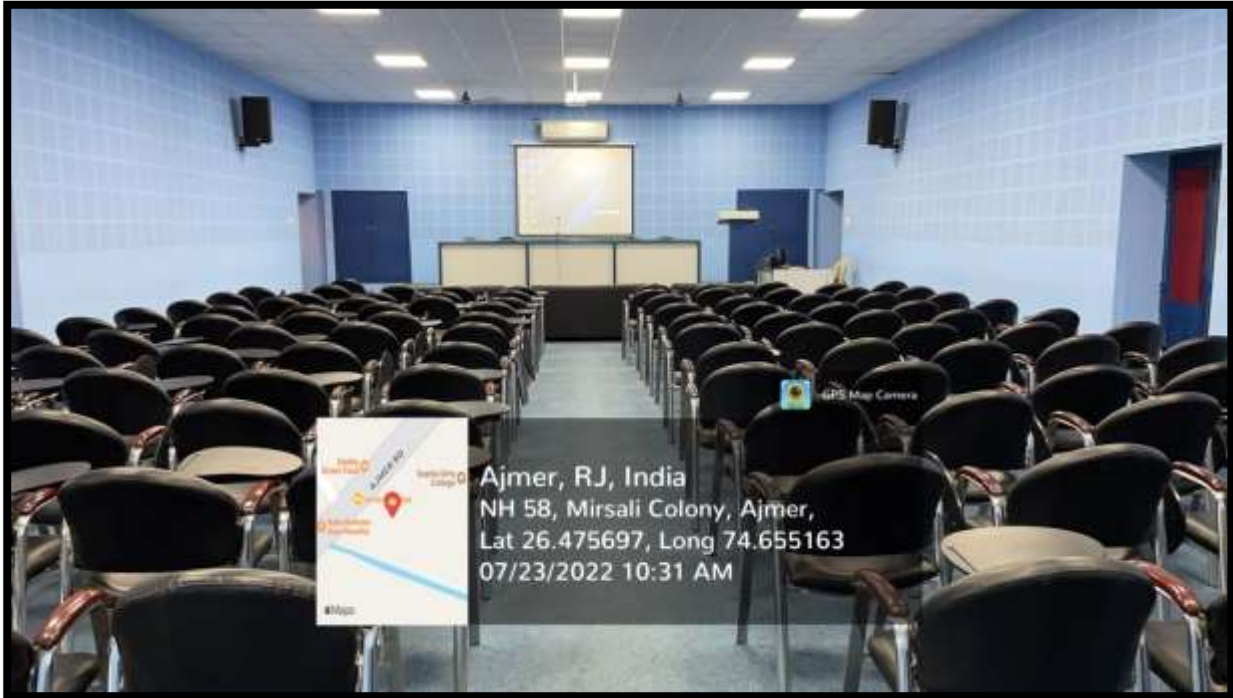


## Battery Back-Up Room



Ajmer, RJ, India  
NH 58, Mirsali Colony, Ajmer,  
Lat 26.475523, Long 74.655095  
01/03/2022 02:00 PM

## Sensor Based Solar Street Light



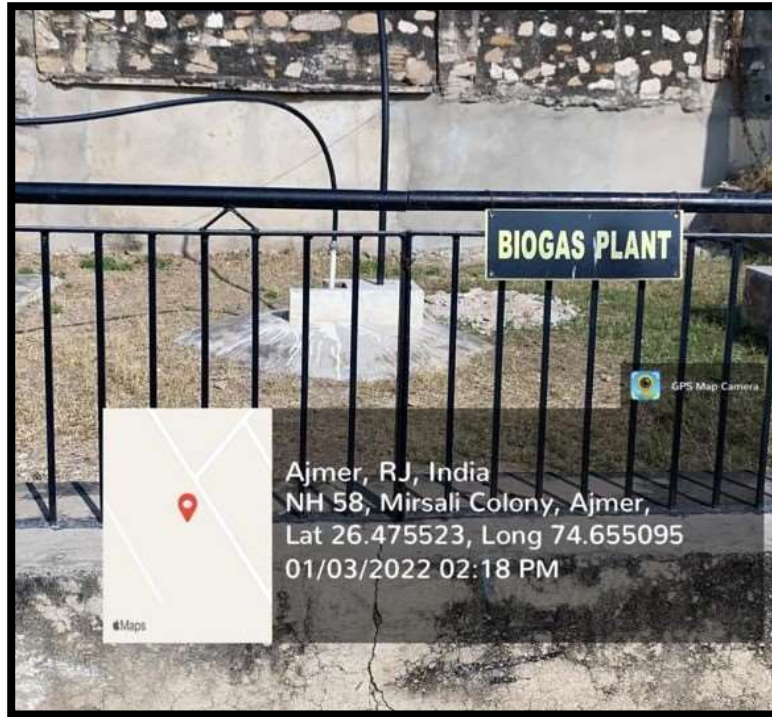
## Use of LED Lights



**Steam Cookers**



**Vermicompost Pit**



## Biogas Plant

*Sr Pearl*  
Dr. Sr. Pearl  
PRINCIPAL  
SOPHIA GIRLS' COLLEGE  
(AUTONOMOUS)  
AJMER