



**Rayat Shikshan Sanstha's**  
**Shri Sadguru Gangageer Maharaj Science, Gautam**  
**Arts and Sanjivani Commerce College, Kopargaon,**  
**Dist. Ahmednagar.- 423601**



## **REPORT ON ALTERNATE SOURCES OF ENERGY**

  
Principal  
S.S.G.M. College  
Kopargaon

## Use of Alternate Sources of Energy

While sensing and participating to sort out the problem of energy demand at national as well as global level, the college being the responsible unit in Higher education tries its best with certain strategies in this area. It tends to use alternate sources of energy such as solar energy and biogas energy which are reliable, everlasting and cost effective.

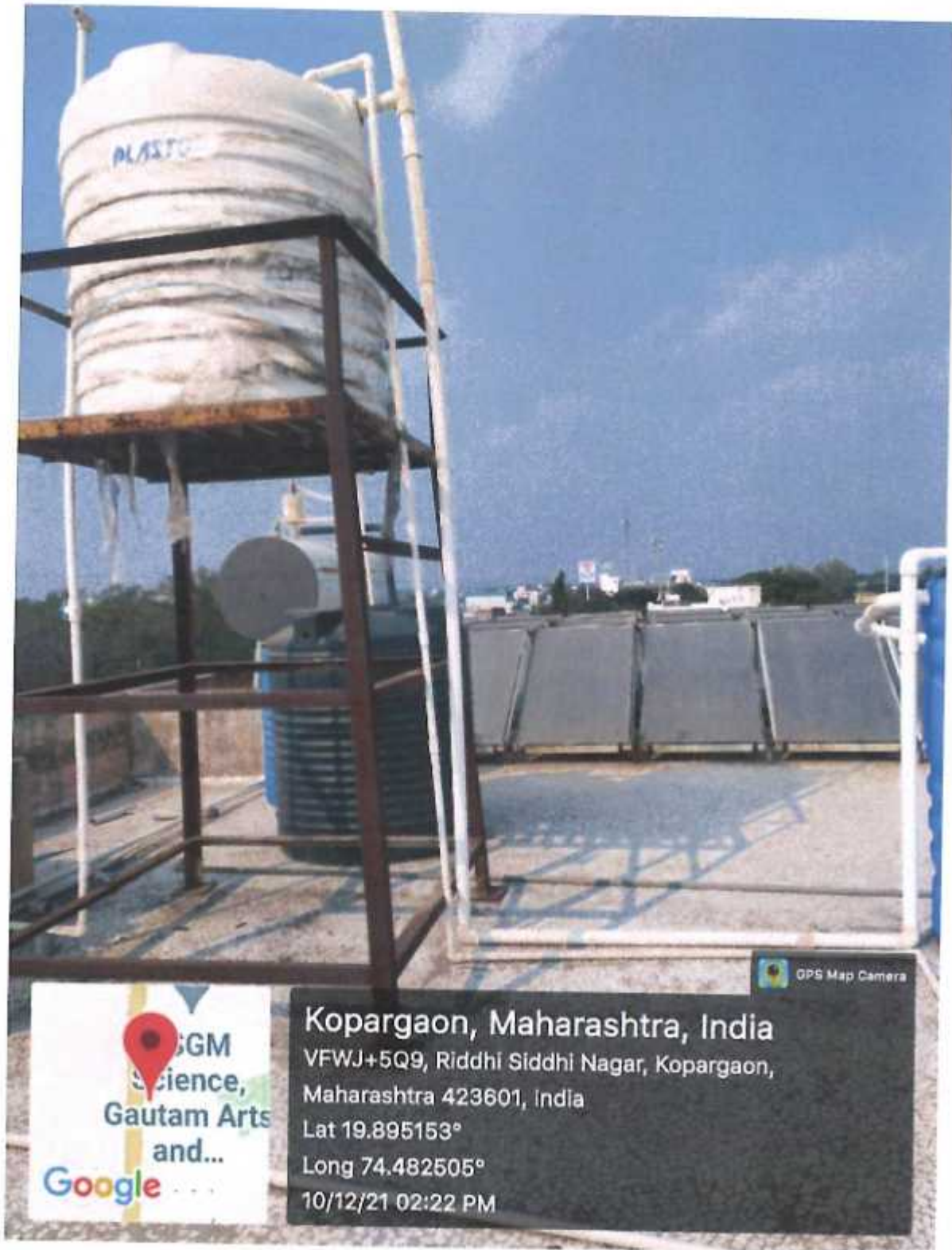
To attract the attention of its stakeholders, particularly, to imprint the minds of its students with certain role models, the college prefers Solar Energy, the most abundant of all energy resources, for lighting as well as heating practices. Solar water heaters of capacity 2000 litres each are installed on the roofs of Boys' Hostels as well Girls' Hostels. Thus, the institution saves electricity costing on an average of Rs. 5, 23, 266/- per year.

The sensor based Solar Lights are installed at various places in campus which save electric power costing approximately Rs. 56, 250/- per annum.

The kitchen of the mess facility available at the Girls' Hostels ultimately produces vegetable wastes and food remains at proportionate level. These wastes are used to produce biogas which again proves as another ultimate source of energy on the college campus. Subsequently, the biogas is used as fuel in the same kitchen with its positive side effect to keep the campus clean and hygienic.

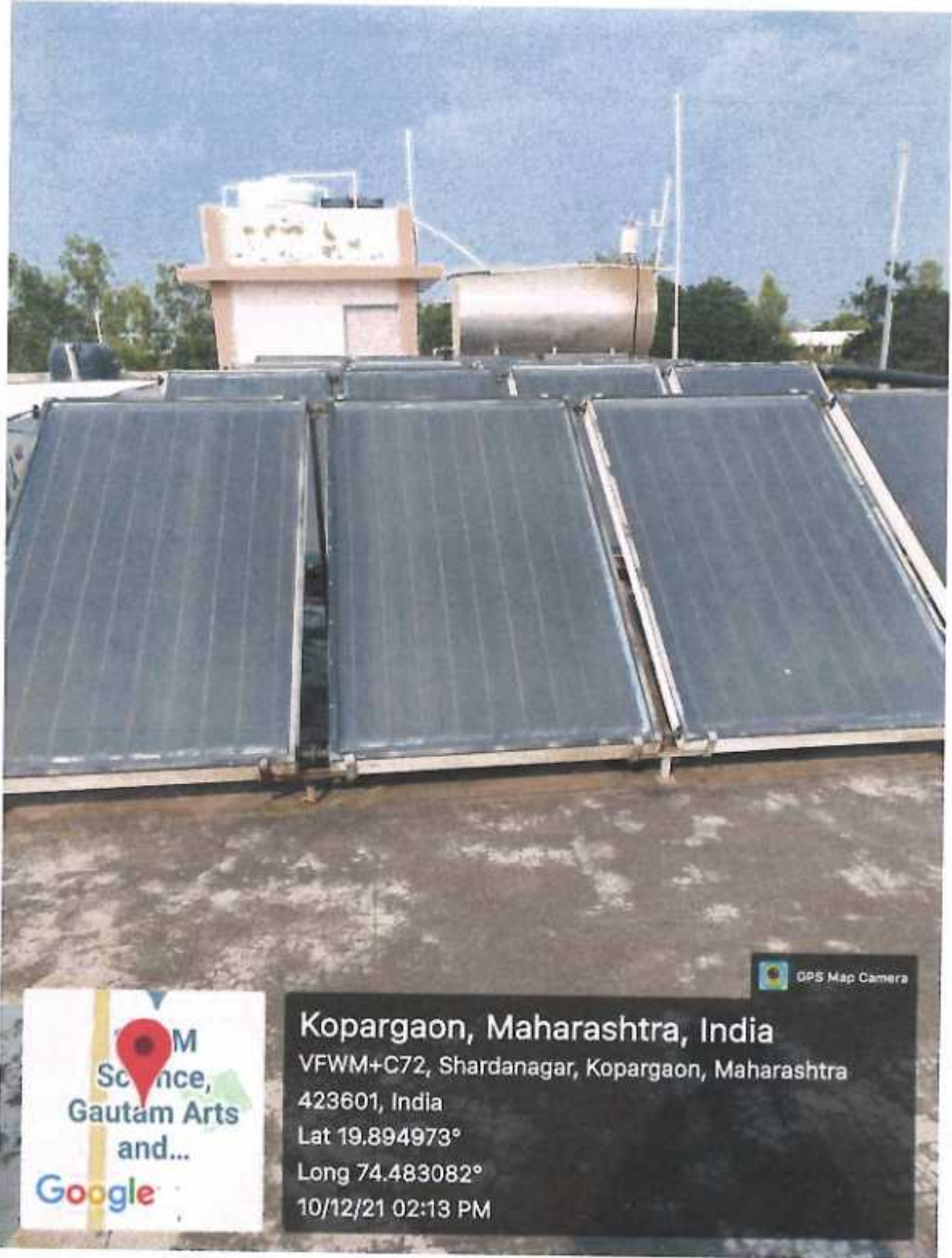
  
Principal  
S.S.G.H. College  
Kopergaon

## SNAPSHOTS OF USE OF ALTERNATE ENERGY SOURCES



**Solar Water Heaters at Hostel**

  
Principal  
S.S.G.M. College  
Kopergaon



**Panels of Solar Water Heaters**

  
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**S.S.G.M.College**  
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**Sensor Based Solar Lights**

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**



GPS Map Camera



**Kopargaon, MH, India**

Kopargaon, Kopargaon, 423601, MH, India

Lat 19.896609, Long 74.483361

07/20/2022 07:49 PM GMT+05:30

**Sensor Based Solar Lights**

  
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**Kopargaon**



**Sensor Based Solar Lights**

  
**Principal**  
**S.S.G.M.College**  
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## Use of Bio Gas Energy



**Biogas Plant at Girls Hostel**

  
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## Energy Conservation Measures



**Display Boards with Message of Power Saving**

  
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