



KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University,
Coimbatore)

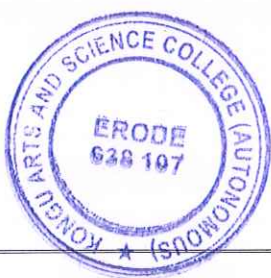
ERODE – 638 107

7.1.2 Alternate Sources of Energy and Energy Conservation Measures

The institution has provision for alternate sources of energy with the support of generating solar energy along with sensor-based energy conservation / power efficient equipment's and facilities. On the other side, the institution has installed the LED lights that ensure finest utilization of energy.

The following are the geotagged snap for alternate sources of energy and energy conservation measures initiated at the campus:

S.No	Facilities for alternate source of energy and energy conservation measures	Supporting Documents Page.No
1	Solar Energy	02-05
2	BioGas	06
3	Sensor based energy - Lights	07
4	LED Lights	08-09
5	Power efficient equipment	10



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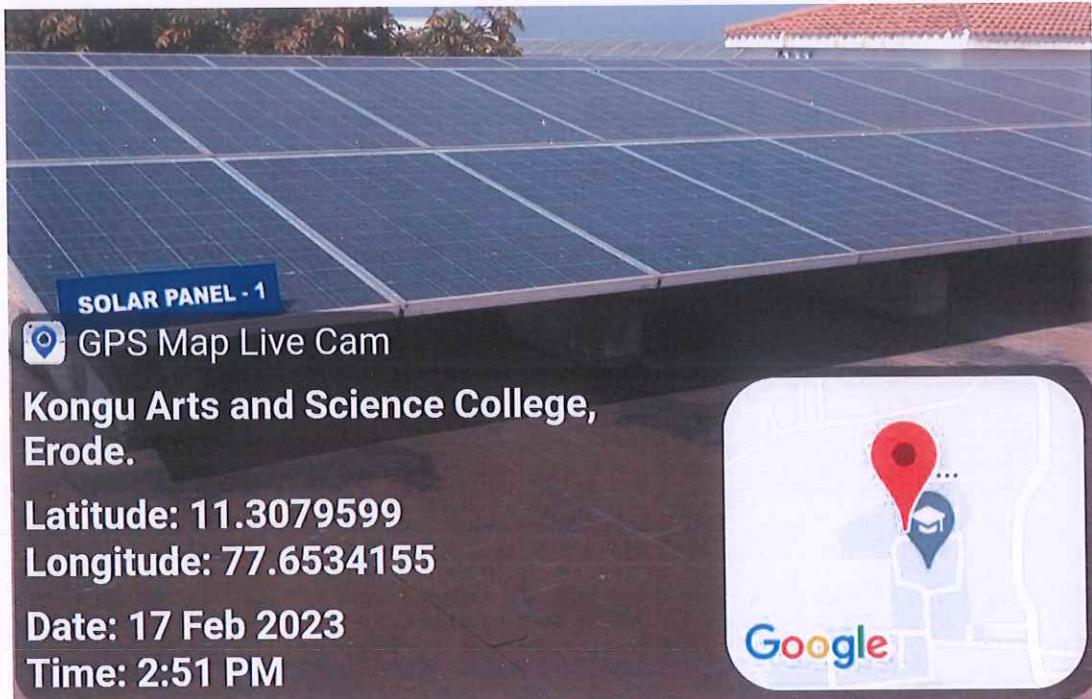


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1. Solar Energy



Solar cell panel (1) installed on the terrace of Main Block



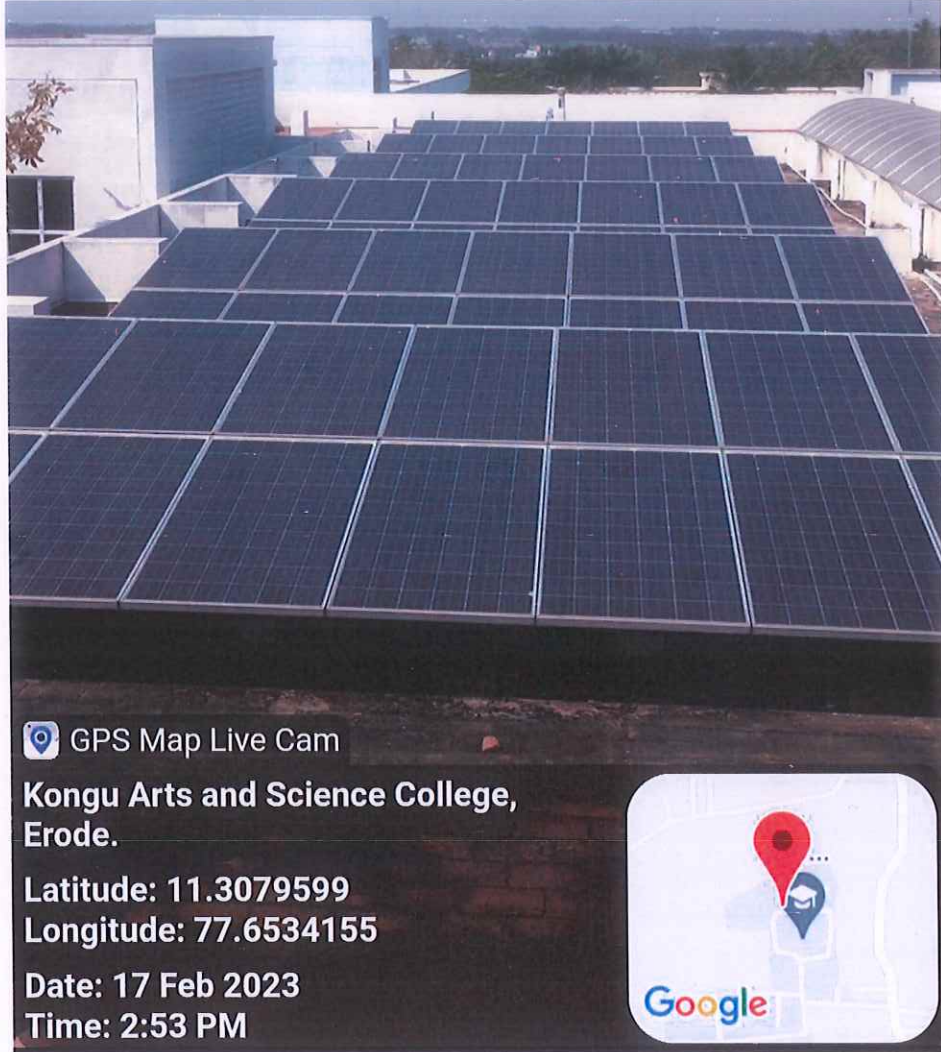
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 GPS Map Live Cam

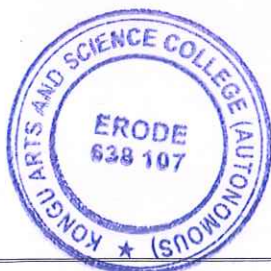
**Kongu Arts and Science College,
Erode.**


**Latitude: 11.3079599
Longitude: 77.6534155**

**Date: 17 Feb 2023
Time: 2:53 PM**



Solar cell panel 1(a) installed on the terrace of Main Block




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GPS Map Live Cam

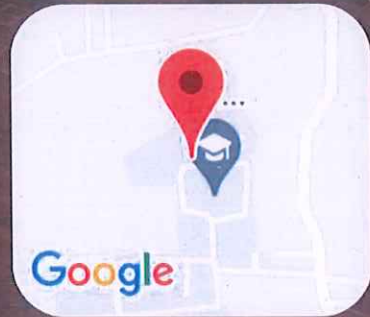
**Kongu Arts and Science College,
Erode.**

Latitude: 11.3079599

Longitude: 77.6534155

Date: 17 Feb 2023

Time: 3:03 PM



Solar cell panel 2 installed on the terrace of BCA Block



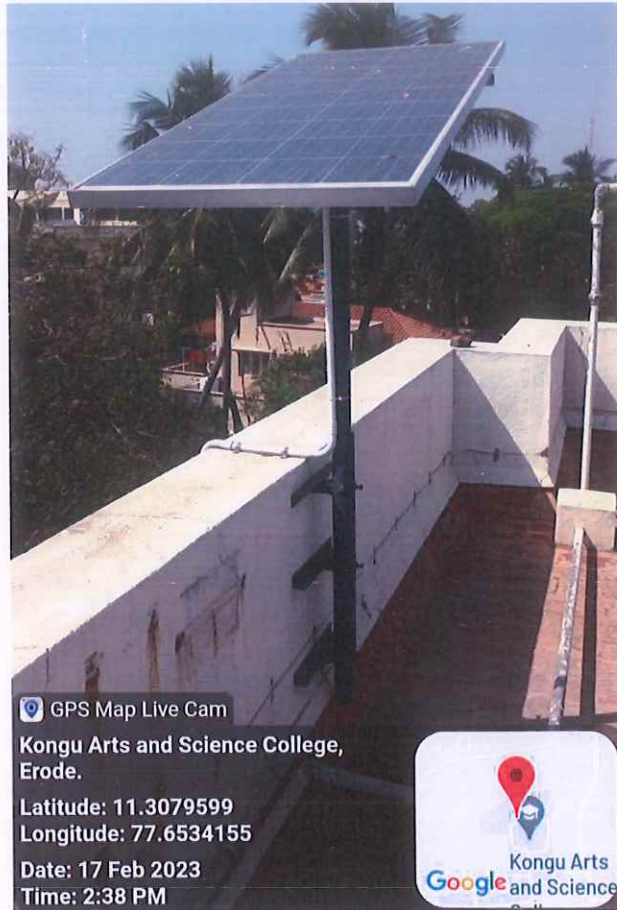
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Solar cell panel installed on the terrace of Staff Quarters



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2. BioGas



Biogas Plant near Mens' Hostel




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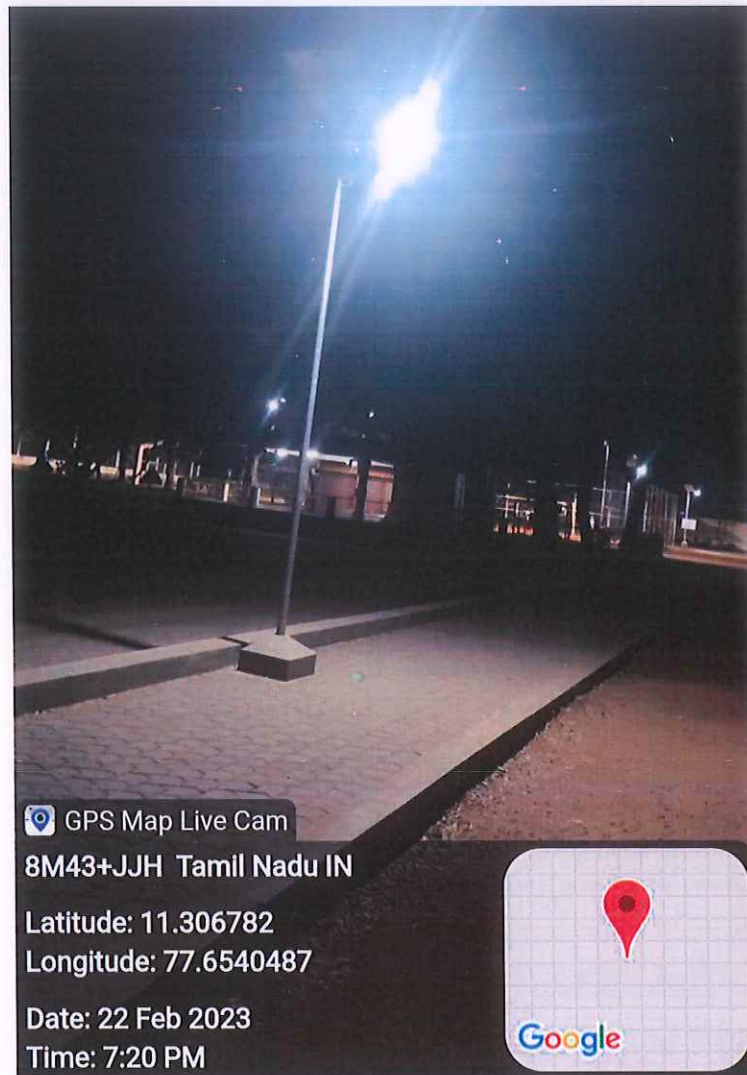


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3. Sensor Based Energy - Lights



GPS Map Live Cam

8M43+JJH Tamil Nadu IN

Latitude: 11.306782

Longitude: 77.6540487

Date: 22 Feb 2023

Time: 7:20 PM



Sensor Based Lights installed near bus parking



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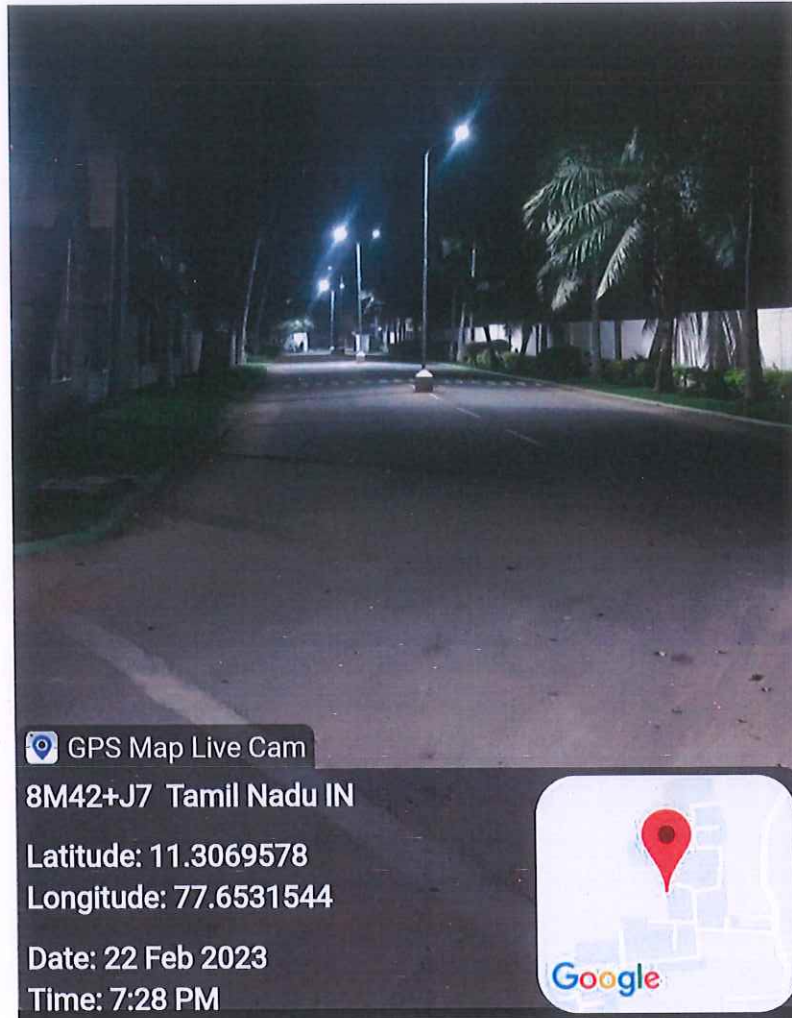


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4. LED Lights



GPS Map Live Cam

8M42+J7 Tamil Nadu IN

Latitude: 11.3069578

Longitude: 77.6531544

Date: 22 Feb 2023

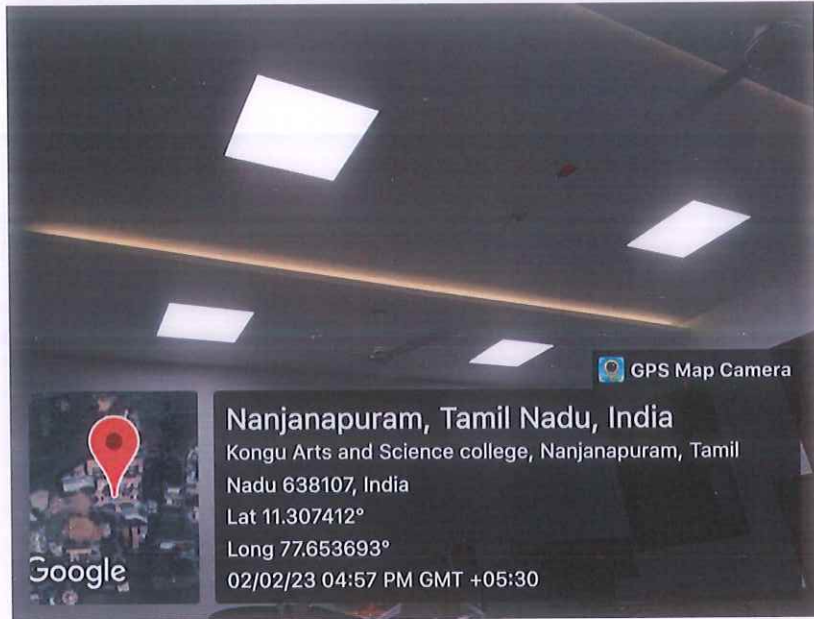
Time: 7:28 PM



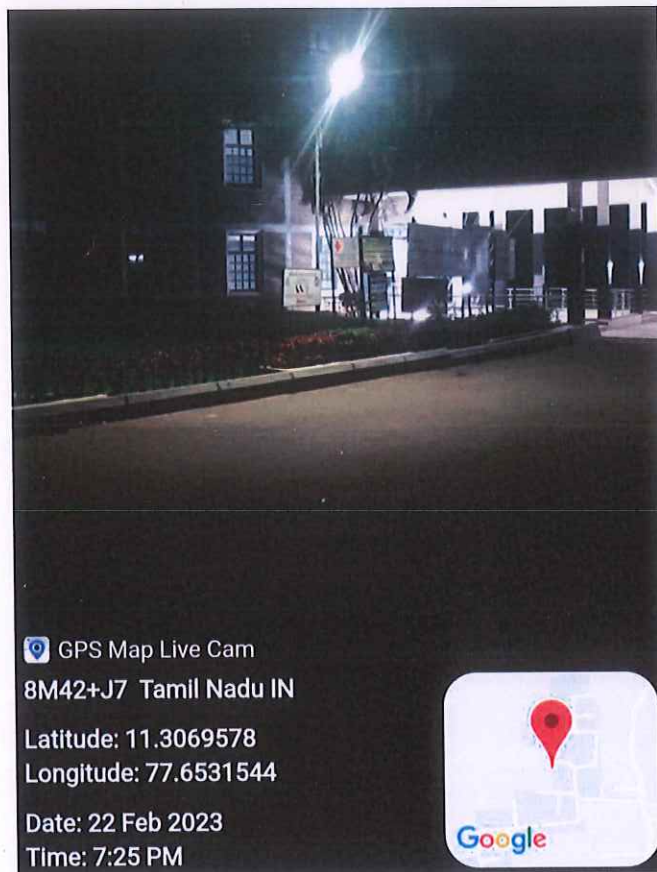
LED lights installed from Entrance till Main Block



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LED lights installed in Main Block



LED Lights near Main Block



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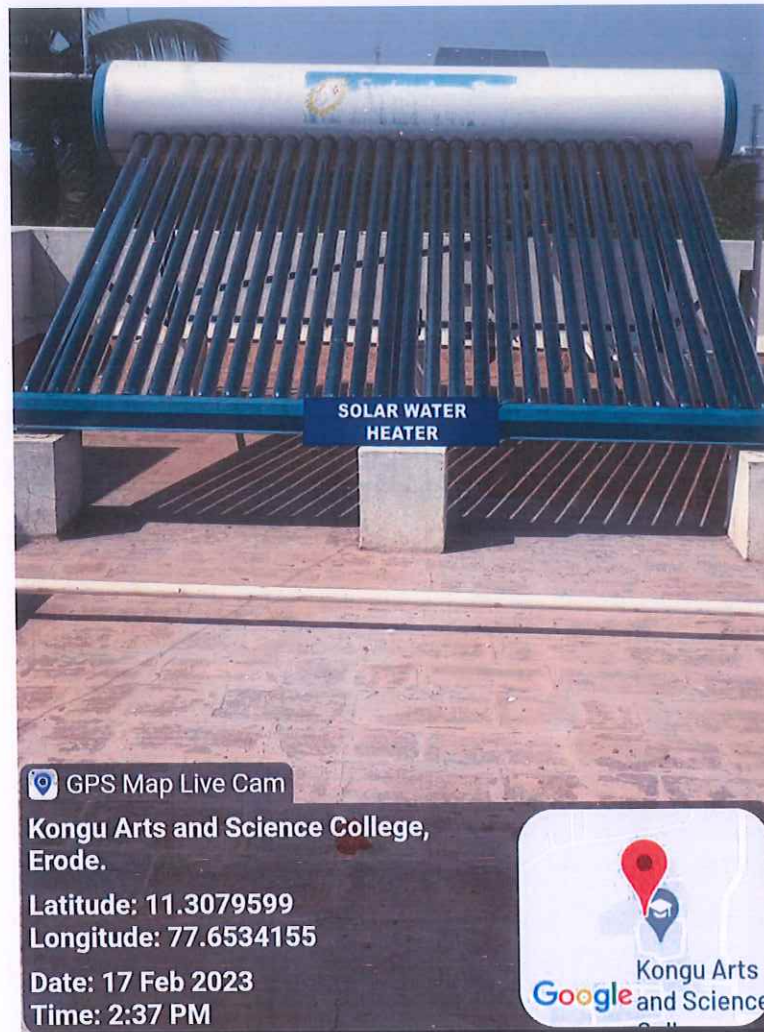


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5. Power Efficient Equipment



Power efficient Solar Water Heater on the terrace of Staff Quarters



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