



# KONGU ARTS AND SCIENCE COLLEGE

ERODE - 638 107, TAMILNADU, INDIA.



Autonomous Institution	Affiliated to Bharathiar University	Approved by UGC & AICTE	Accredited by NAAC	DBT Star College Scheme	ISO 9001 : 2015 Certified Institution	Institution's Innovation Council
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**Dr. N. RAMAN**  
Principal


## 7.1.2

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

- ✓ 1. Solar energy
- ✓ 2. Biogas plant
3. Wheeling to the Grid
- ✓ 4. Sensor-based energy conservation
- ✓ 5. Use of LED bulbs/ power efficient equipment

**Response:** A. 4 of the above



  
**Dr. N. RAMAN**  
PRINCIPAL,  
KONGU ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)  
NANJANAPURAM, ERODE - 638 107





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Coimbatore)

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### 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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## 1. Solar Energy



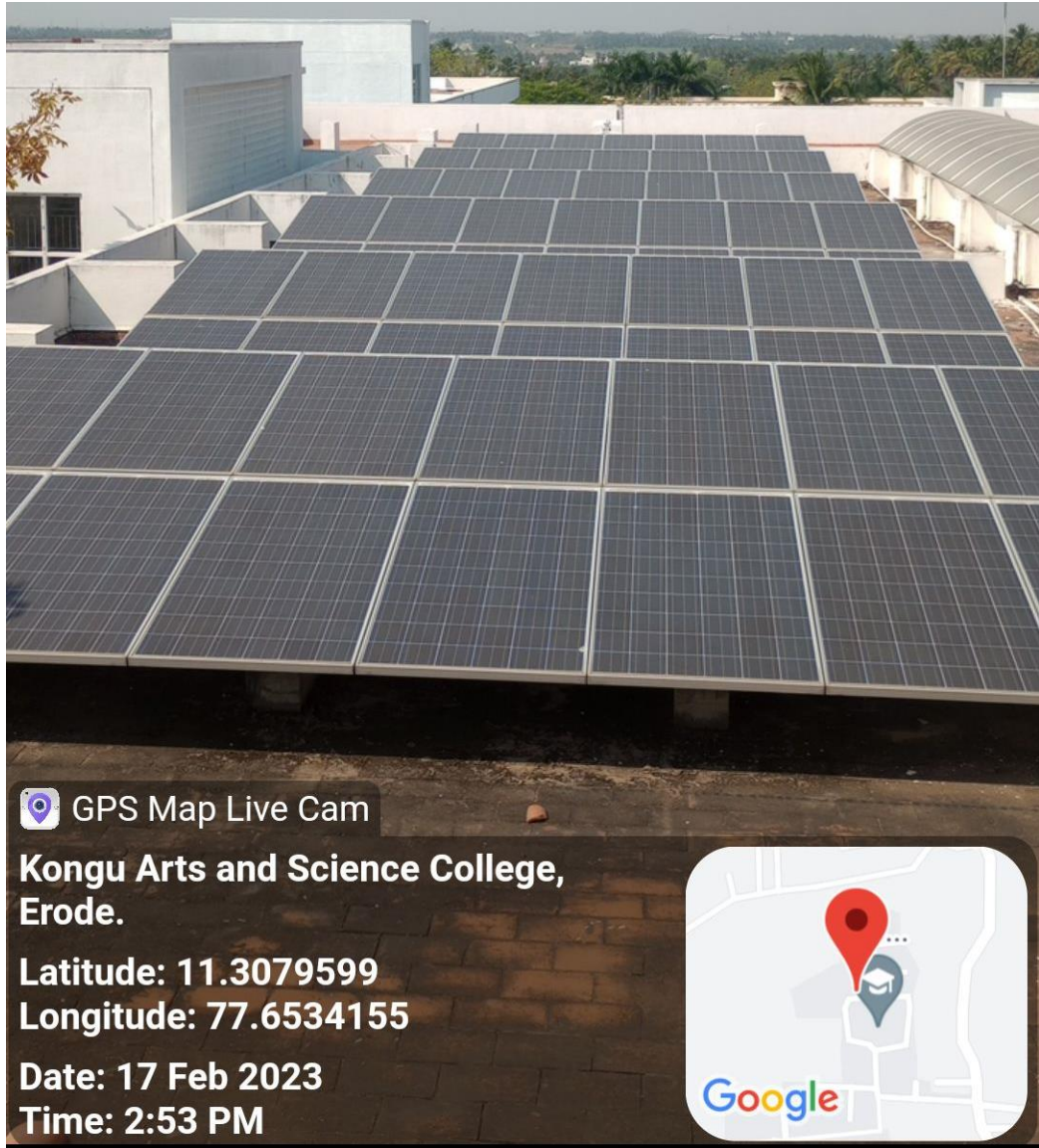
**Solar cell panel (1) installed on the terrace of Main Block**




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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

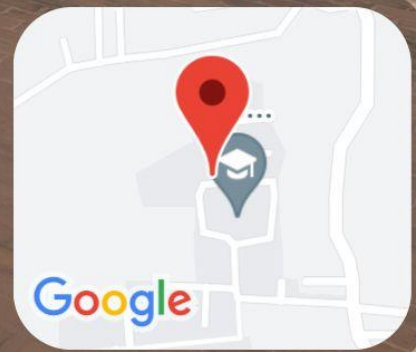
**Kongu Arts and Science College,  
Erode.**

**Latitude: 11.3079599**

**Longitude: 77.6534155**

**Date: 17 Feb 2023**

**Time: 3:03 PM**



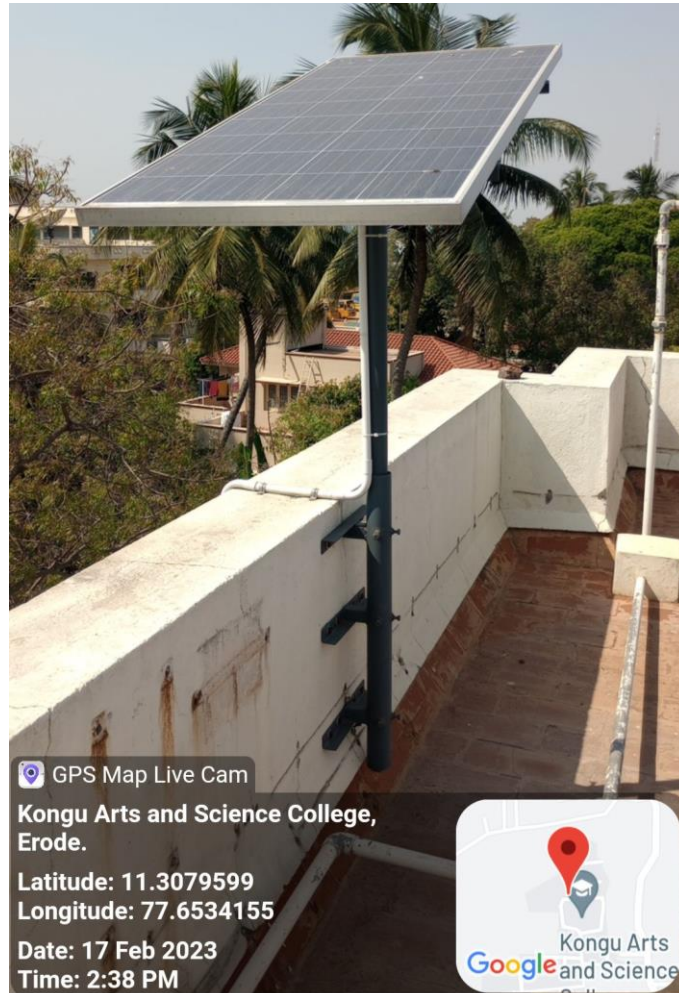
**Solar cell panel 2 installed on the terrace of BCA Block**



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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**



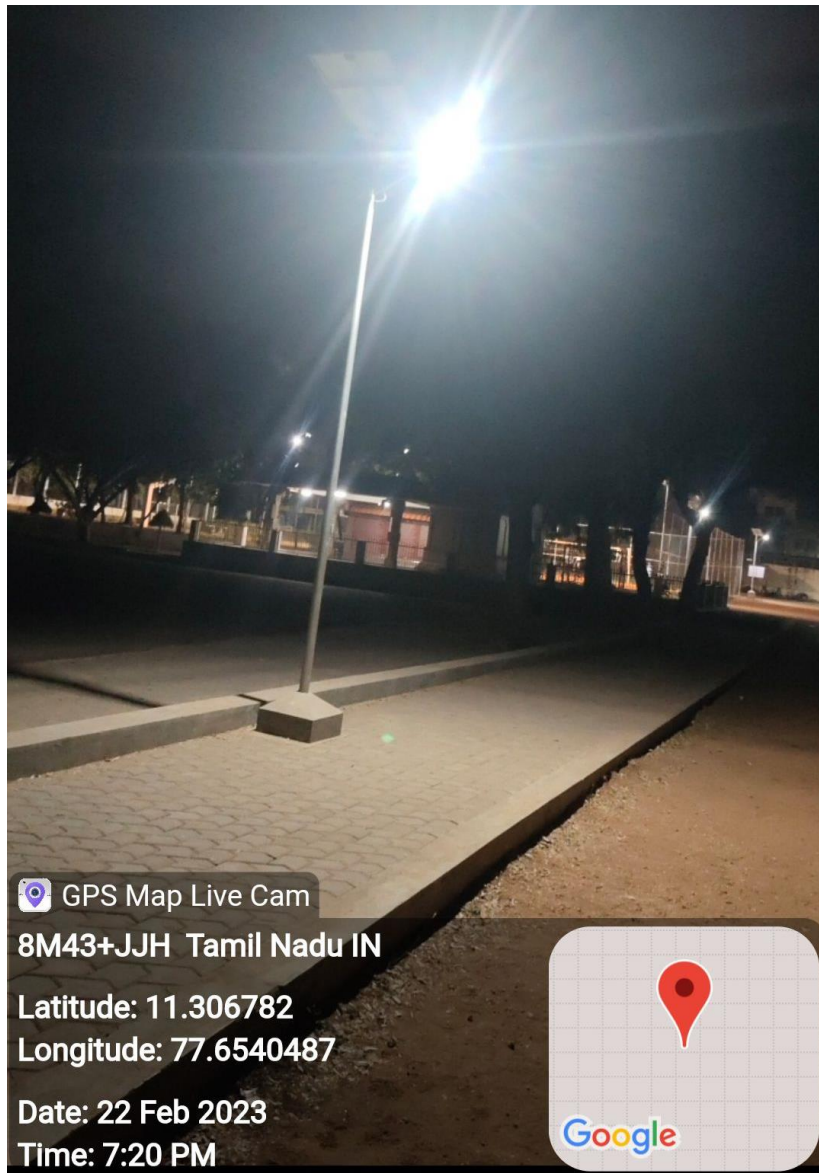


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## 3. Sensor Based Energy - Lights



**Sensor Based Lights installed near bus parking**



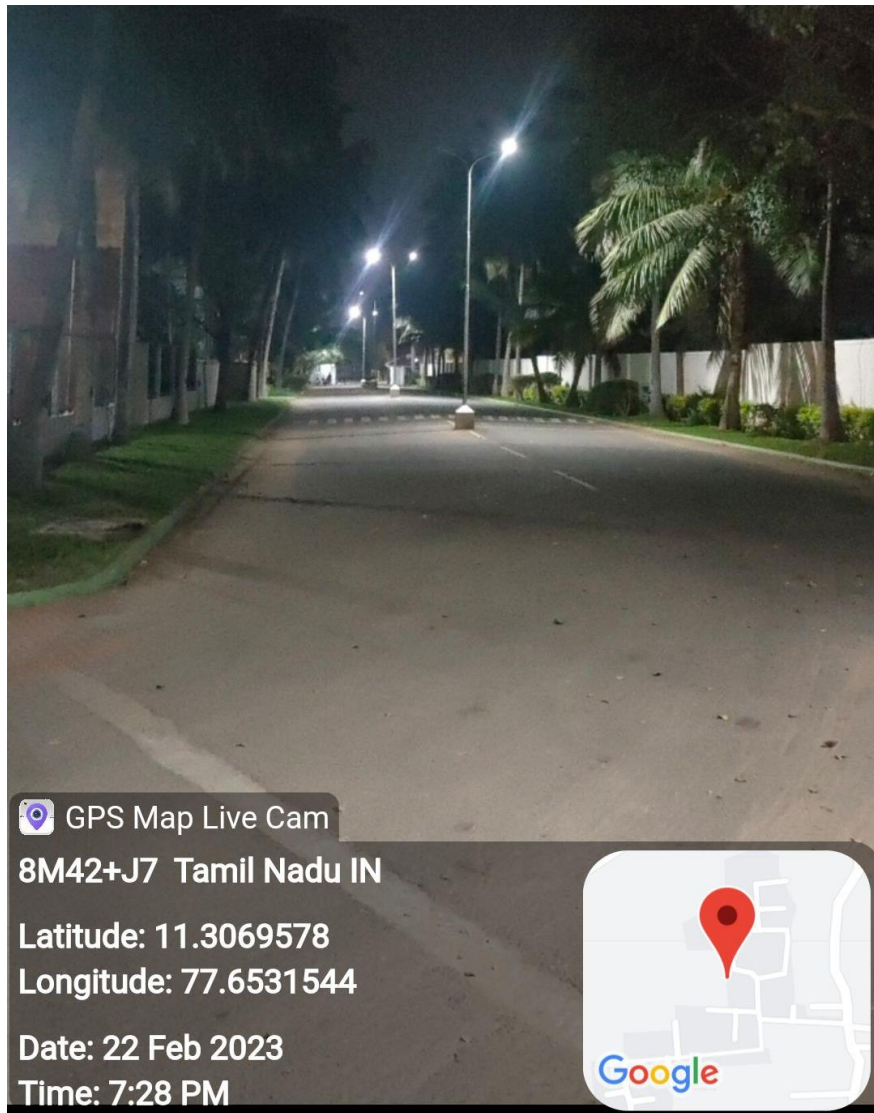


# KONGU ARTS AND SCIENCE COLLEGE

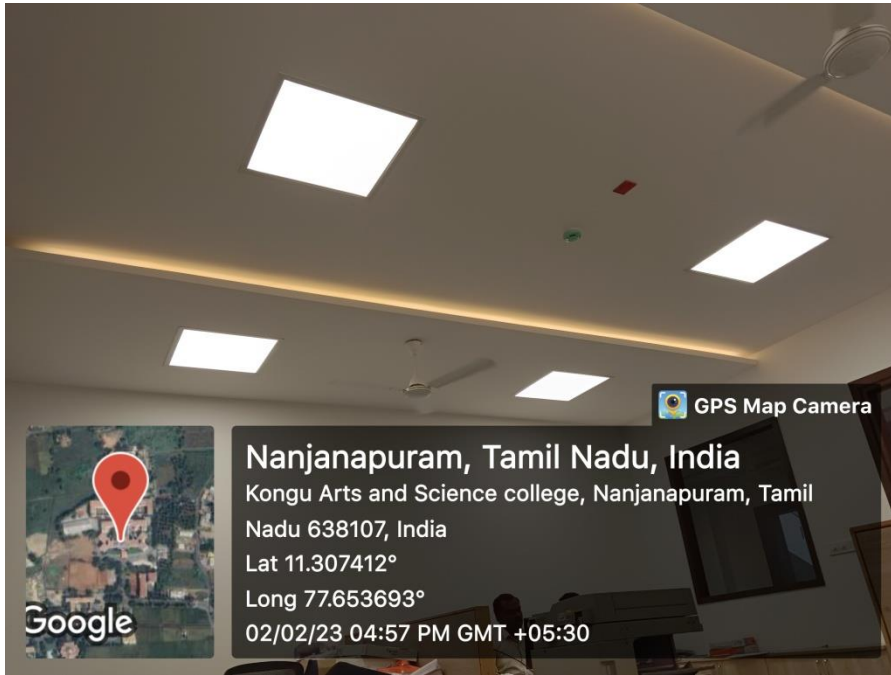
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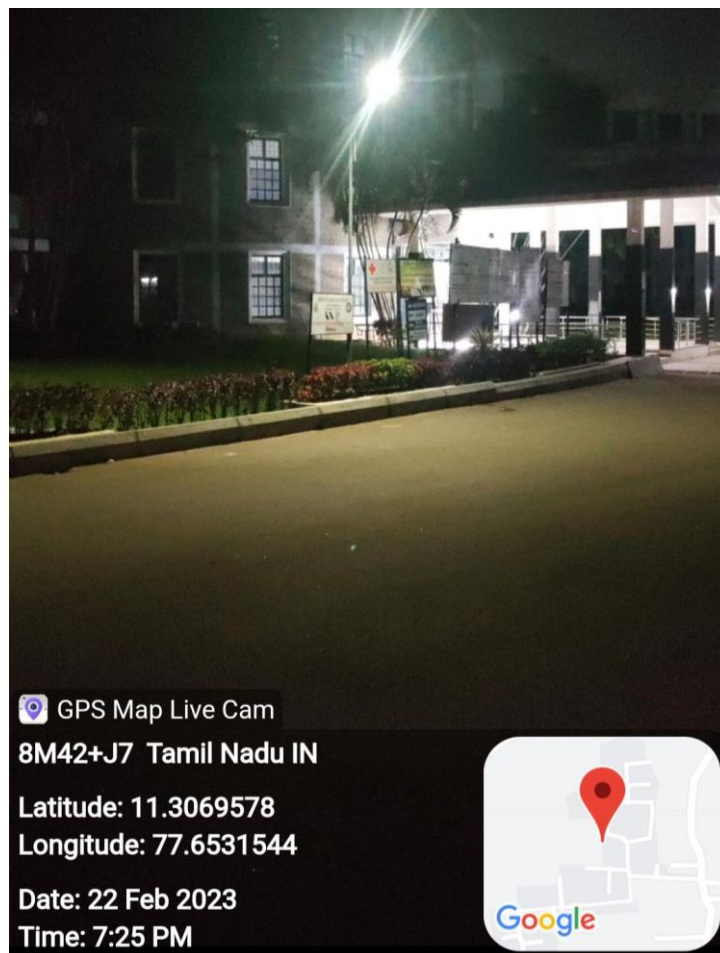
## 4. LED Lights



**LED lights installed from Entrance till Main Block**



**LED lights installed in Main Block**



**LED Lights near Main Block**

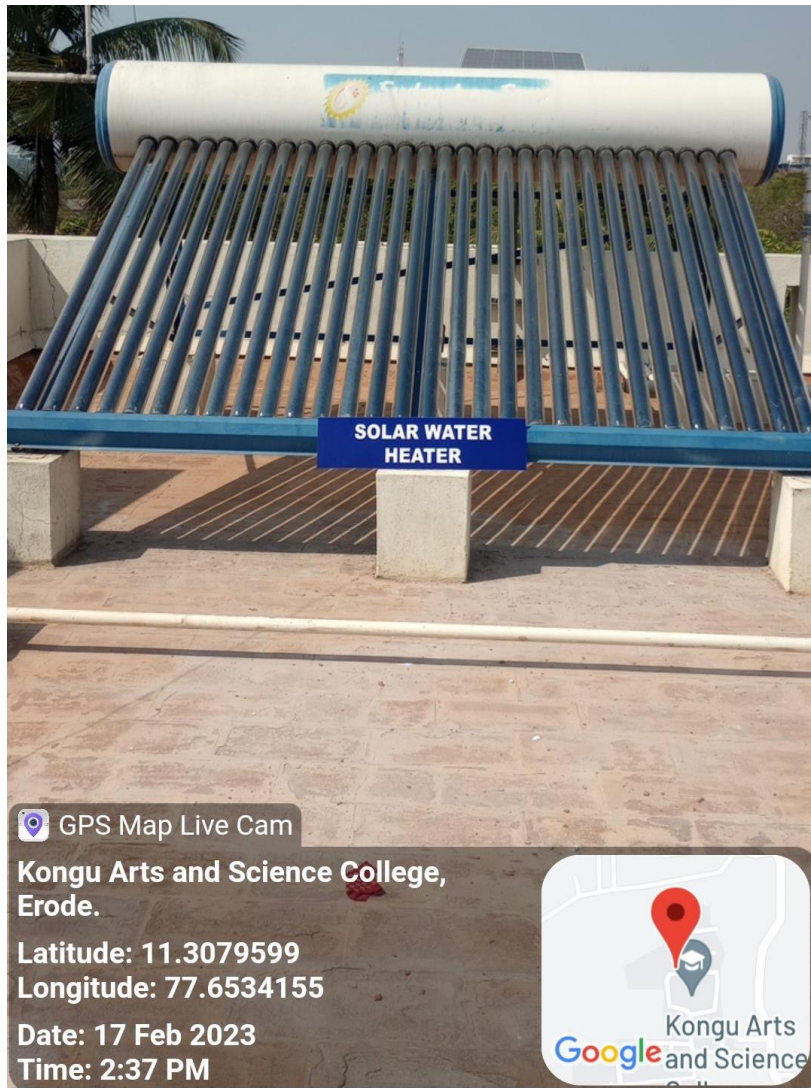


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## 5. Power Efficient Equipment



**Power efficient Solar Water Heater on the terrace of Staff Quarters**