



## KONGU ARTS AND SCIENCE COLLEGE

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

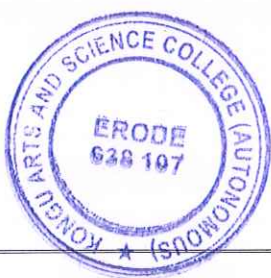
ERODE – 638 107

### 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



**Dr. N. RAMAN**  
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## **CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1.2 Alternate Sources of Energy and Energy Conservation Measures**

**Solar Energy**

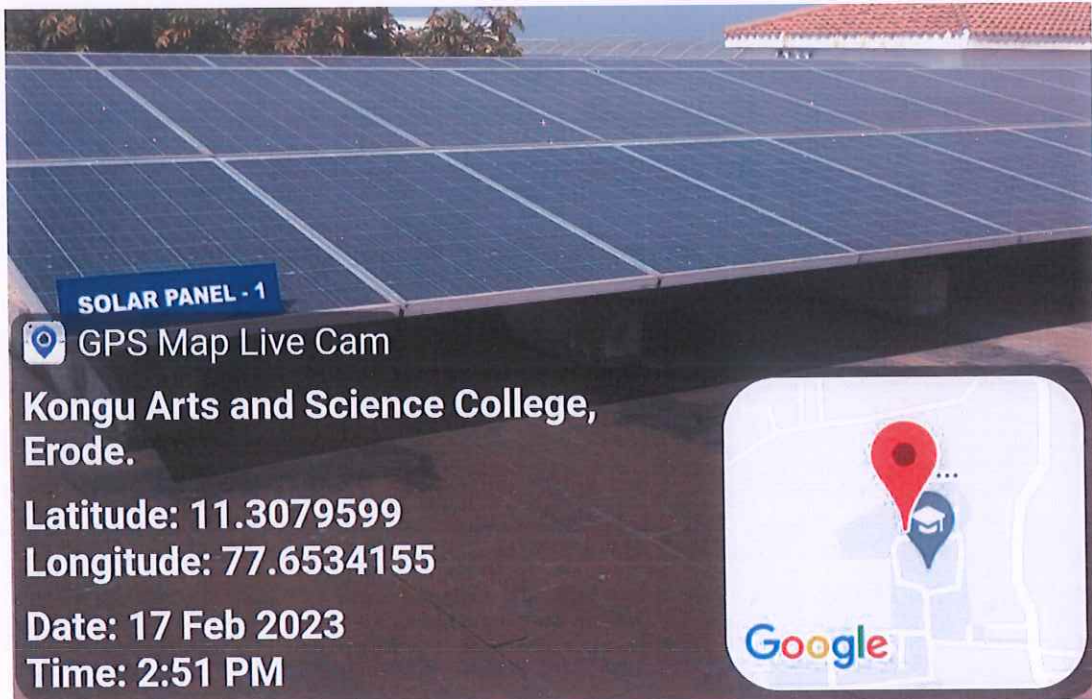


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## 1. Solar Energy



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



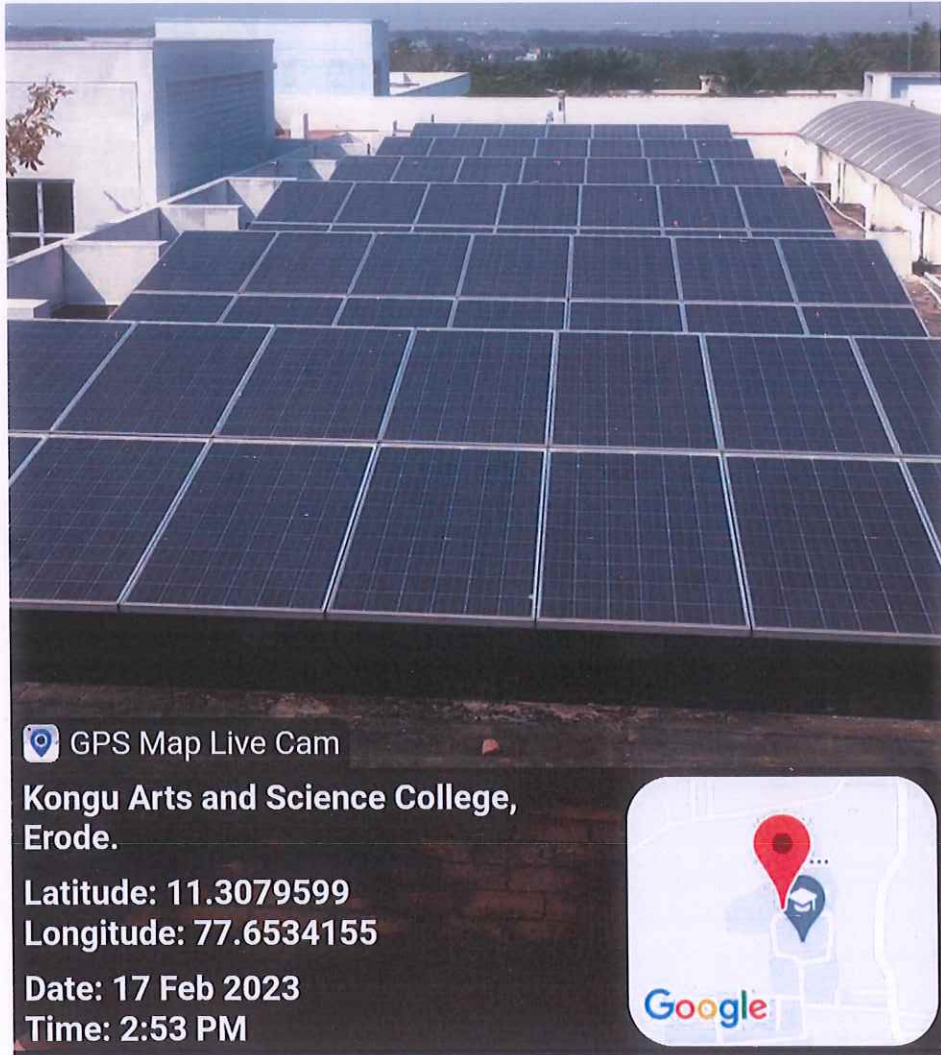
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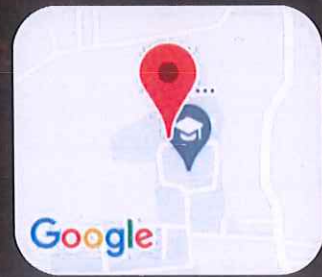


 GPS Map Live Cam

**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

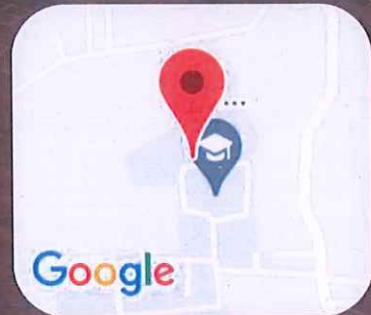
**Kongu Arts and Science College,  
Erode.**

**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**



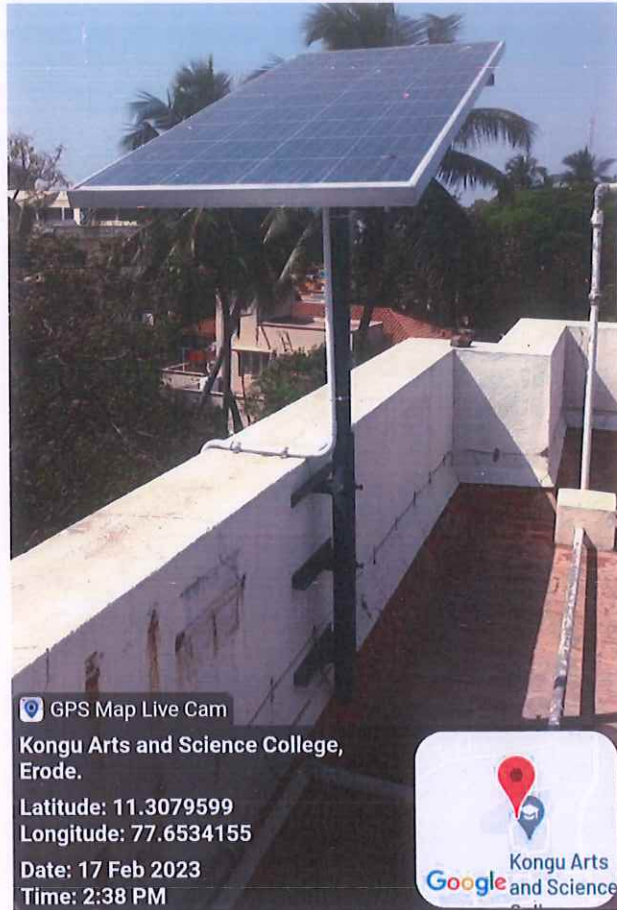
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**Solar cell panel installed on the terrace of Staff Quarters**



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## **CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1.2 Alternate Sources of Energy and Energy Conservation Measures**

**Biogas Plant**

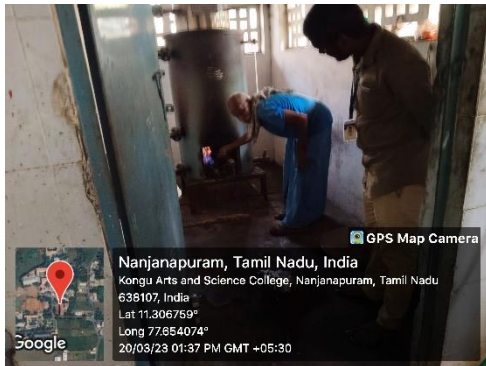


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## 2. Bio Gas



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## **CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1.2 Alternate Sources of Energy and Energy Conservation Measures**

**Sensor-based Energy Conservation-Solar  
Street Lights**

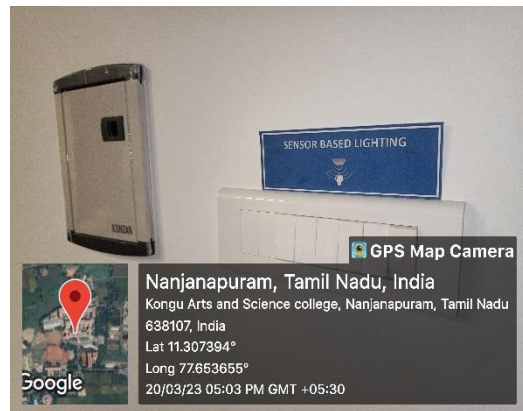
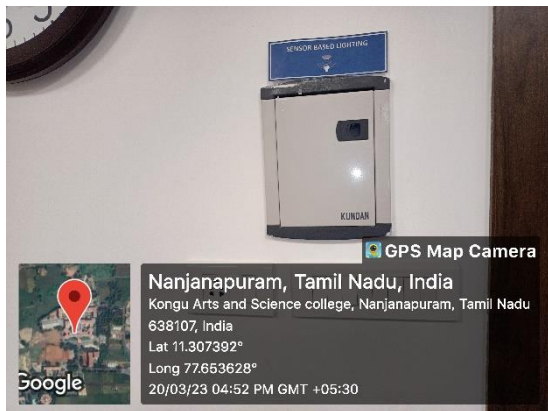
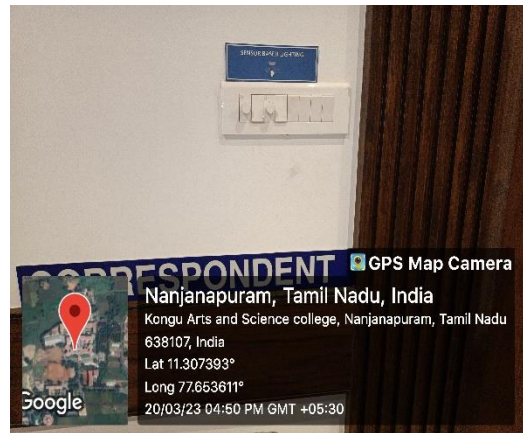
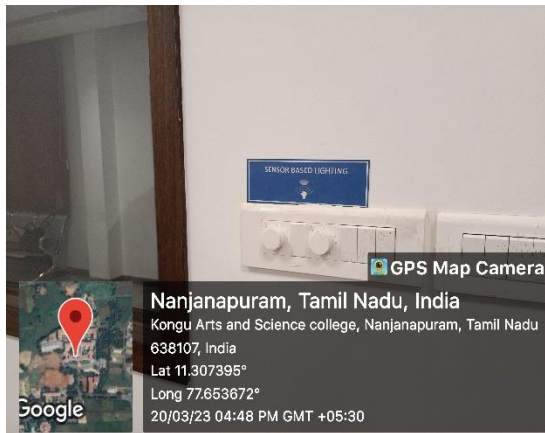


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## 3. Sensor Based Energy - Lights



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## **CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1.2 Alternate Sources of Energy and Energy Conservation Measures**

**LED Lights**

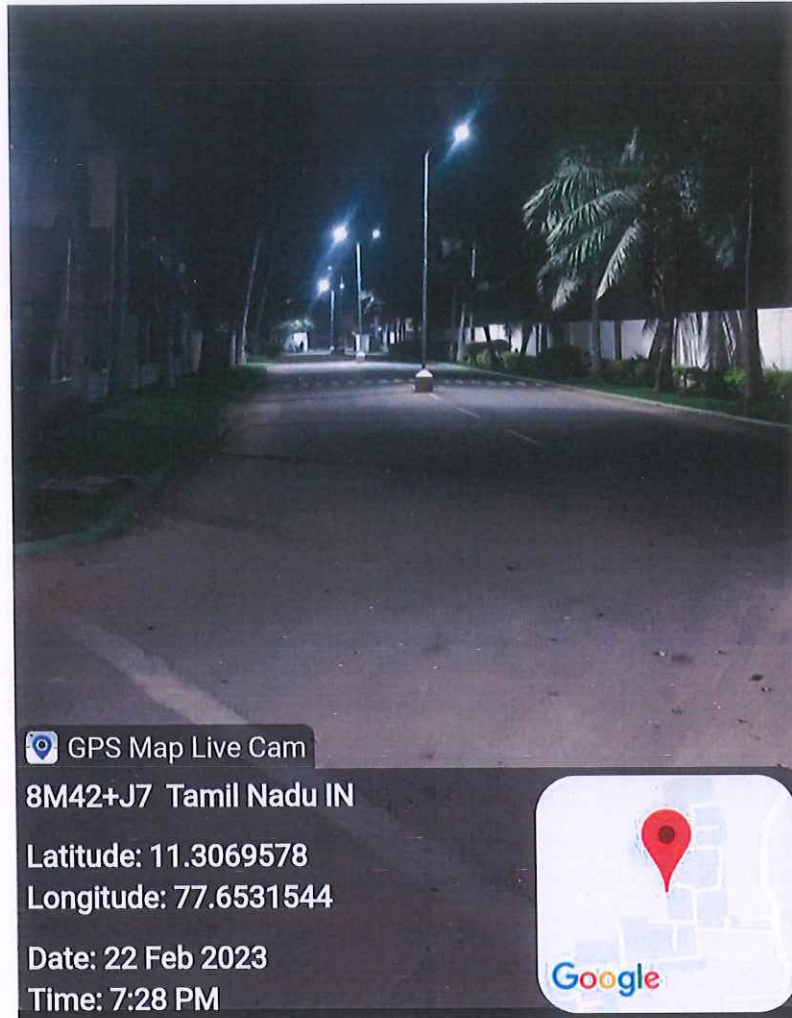


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### 4. LED Lights



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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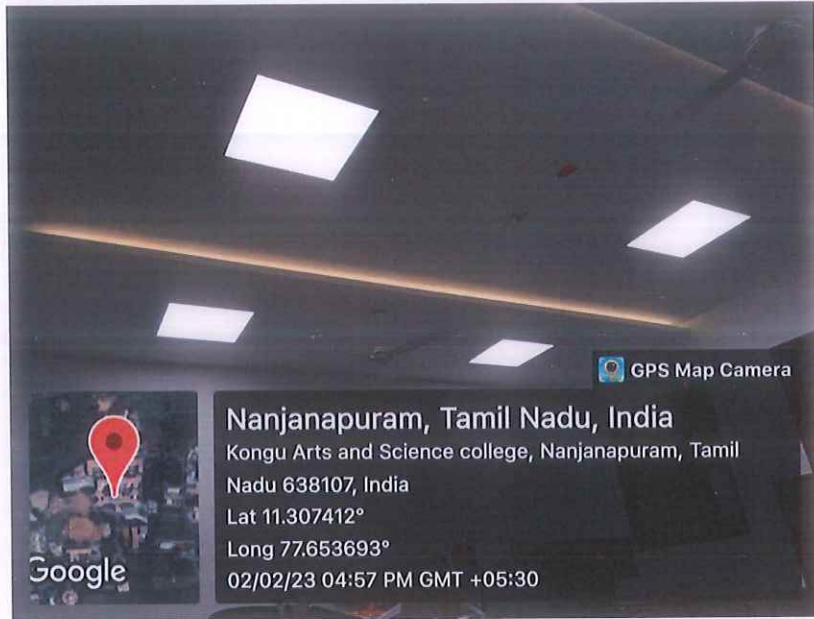
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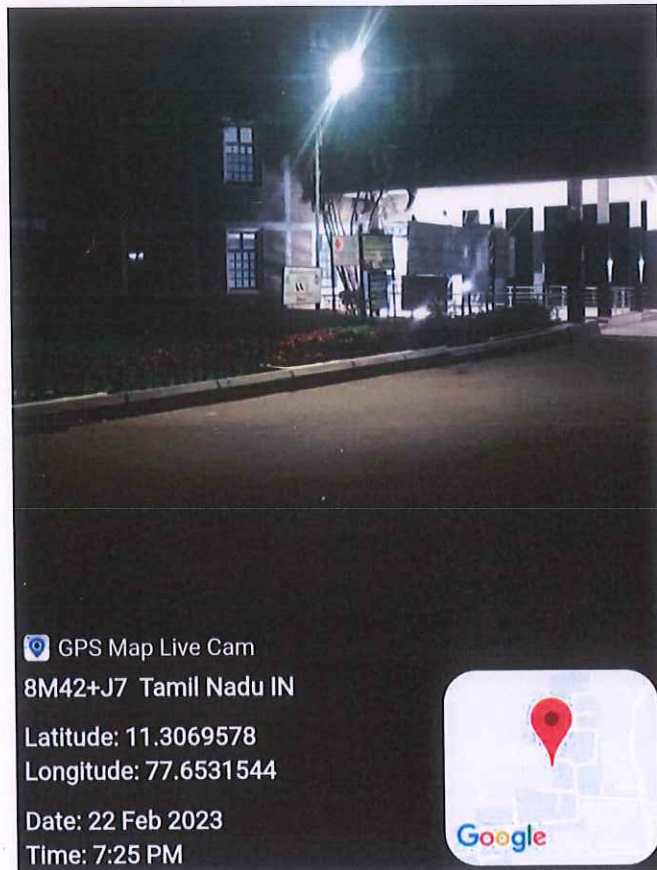
## **CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1.2 Alternate Sources of Energy and Energy Conservation Measures**

**Power efficient Equipment -  
Solar Water Heater**



**LED lights installed in Main Block**



**LED Lights near Main Block**



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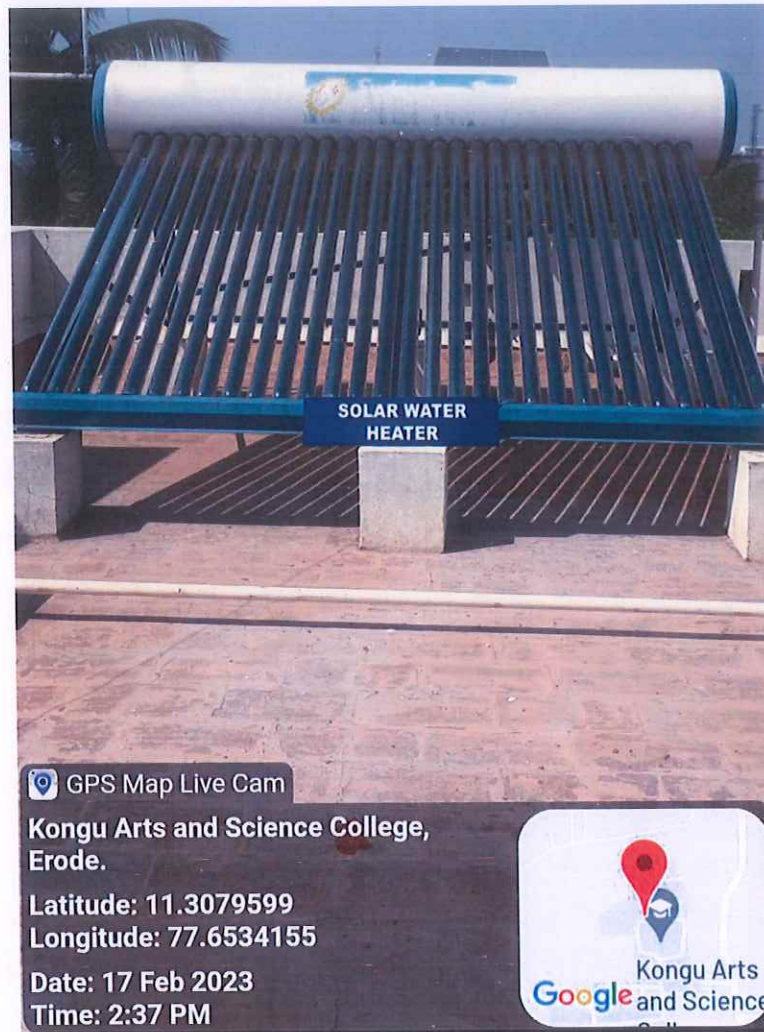


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### 5. Power Efficient Equipment



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



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