



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	03-06
2	Biogas	08
3	Sensor based energy – Lights	10-12
4	LED Lights	14-17
5	Power efficient equipment	19

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

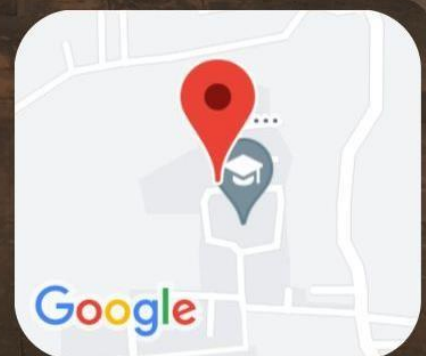
**Kongu Arts and Science College,
Erode.**

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

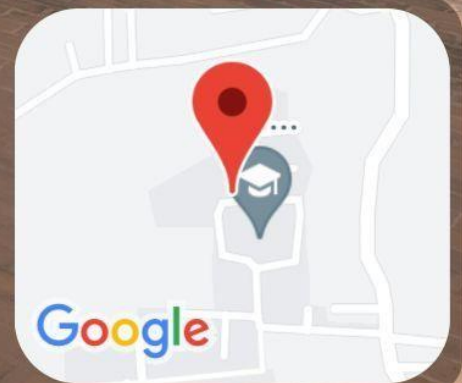
**Kongu Arts and Science College,
Erode.**

Latitude: 11.3079599

Longitude: 77.6534155

Date: 17 Feb 2023

Time: 3:03 PM



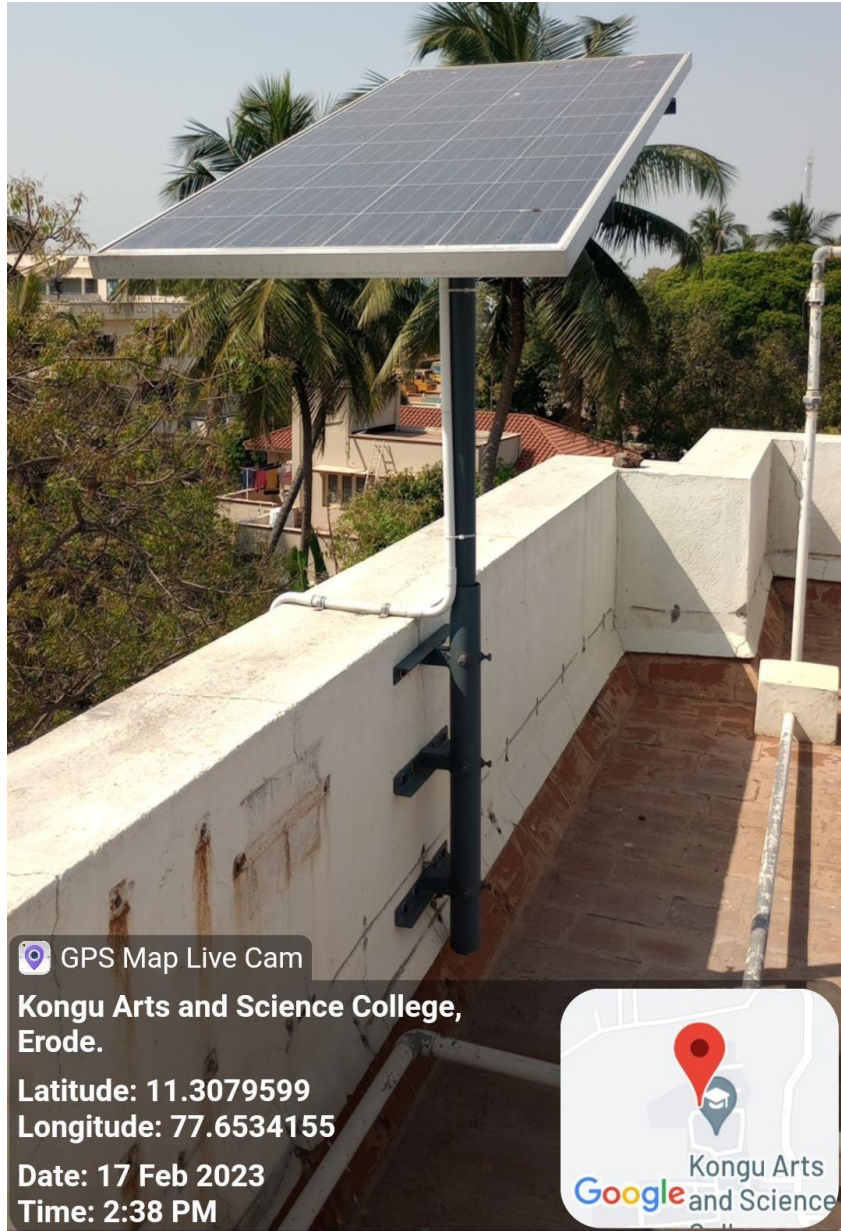
Solar cell panel 2 installed on the terrace of BCA Block



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Solar cell panel installed on the terrace of Staff Quarters

Biogas



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2. BioGas



GPS Map Live Cam

Kongu Arts and Science College,
Erode.

Latitude: 11.3079599

Longitude: 77.6534155

Date: 14 Mar 2023

Time: 3:00 PM



Biogas Plant near Mens' Hostel

Sensor Based Energy Conservation

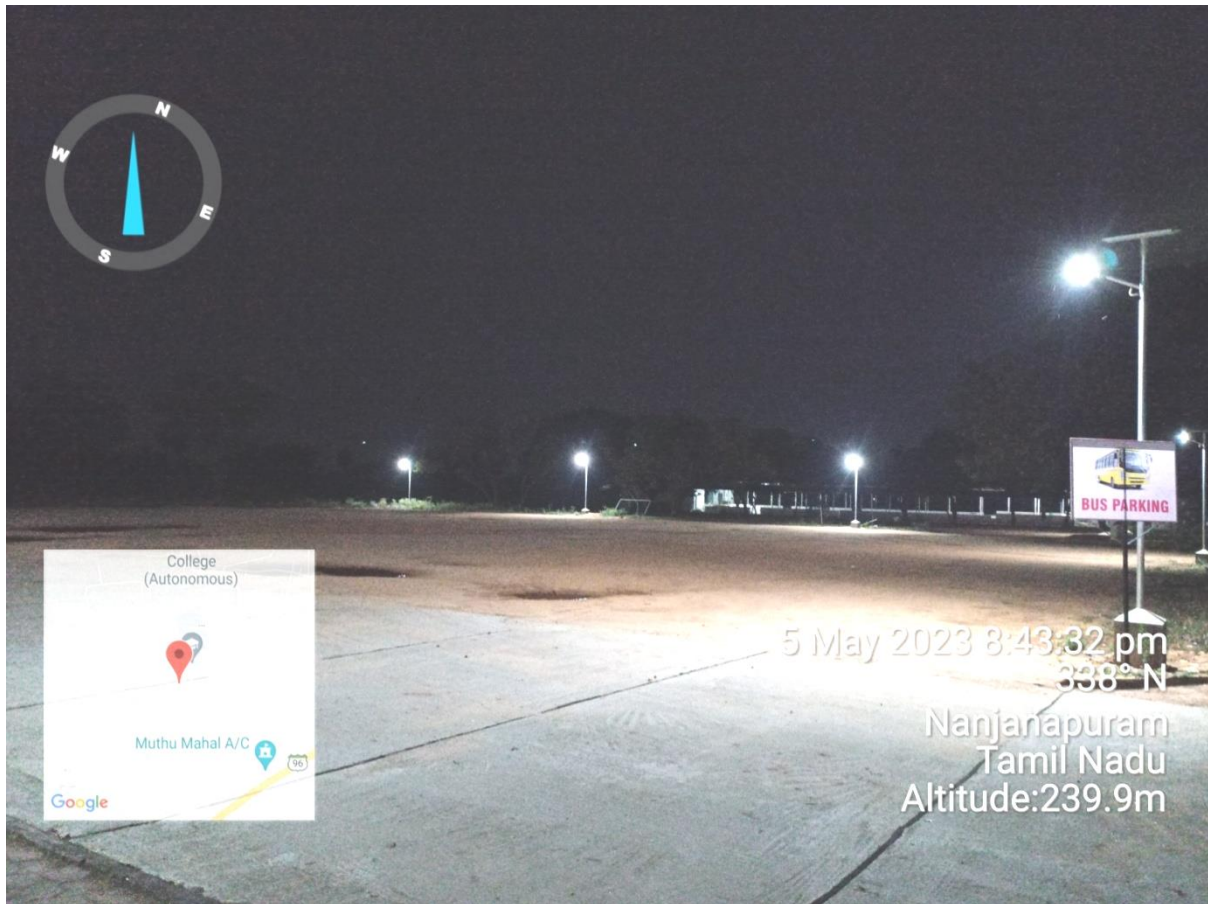


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3. Sensor Based Energy - Lights



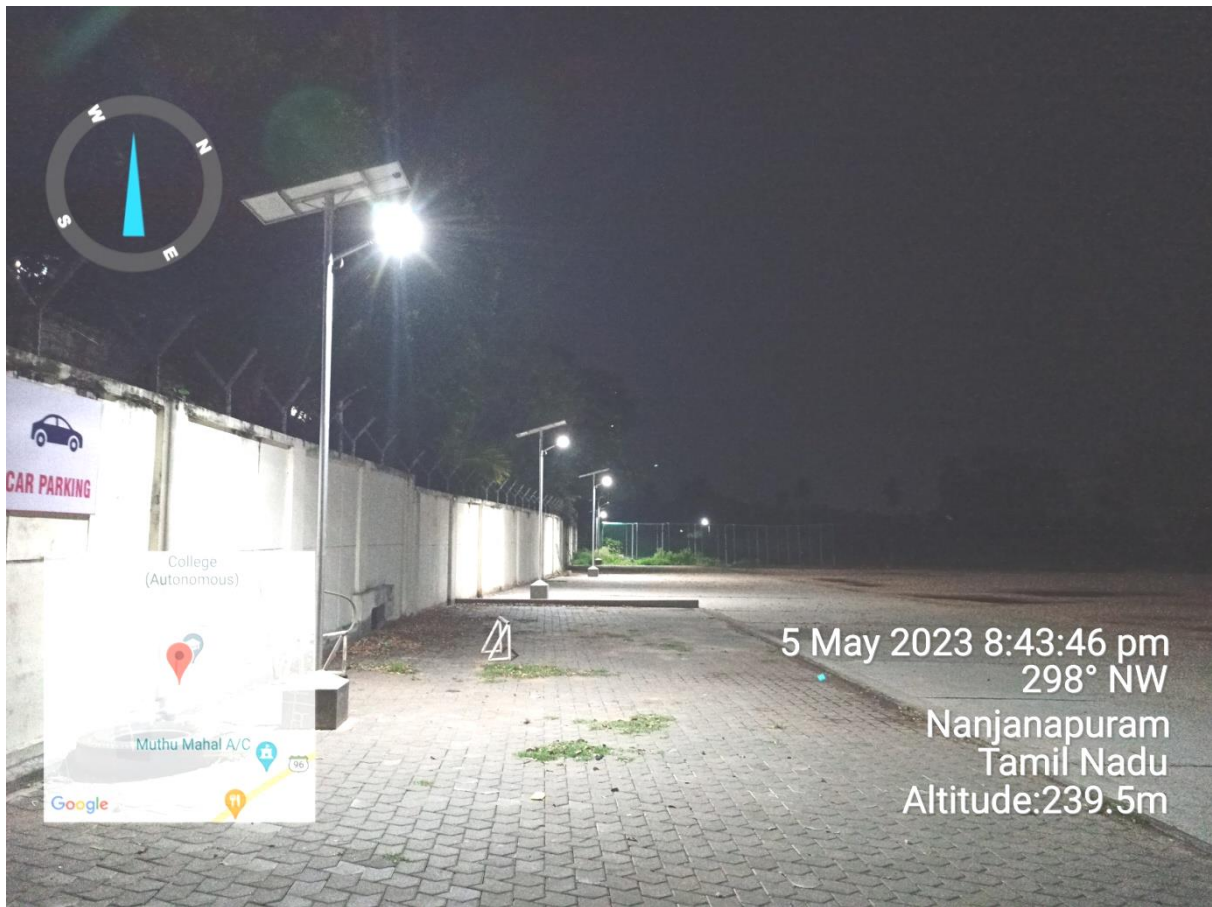
Sensor Based Lights installed near bus parking



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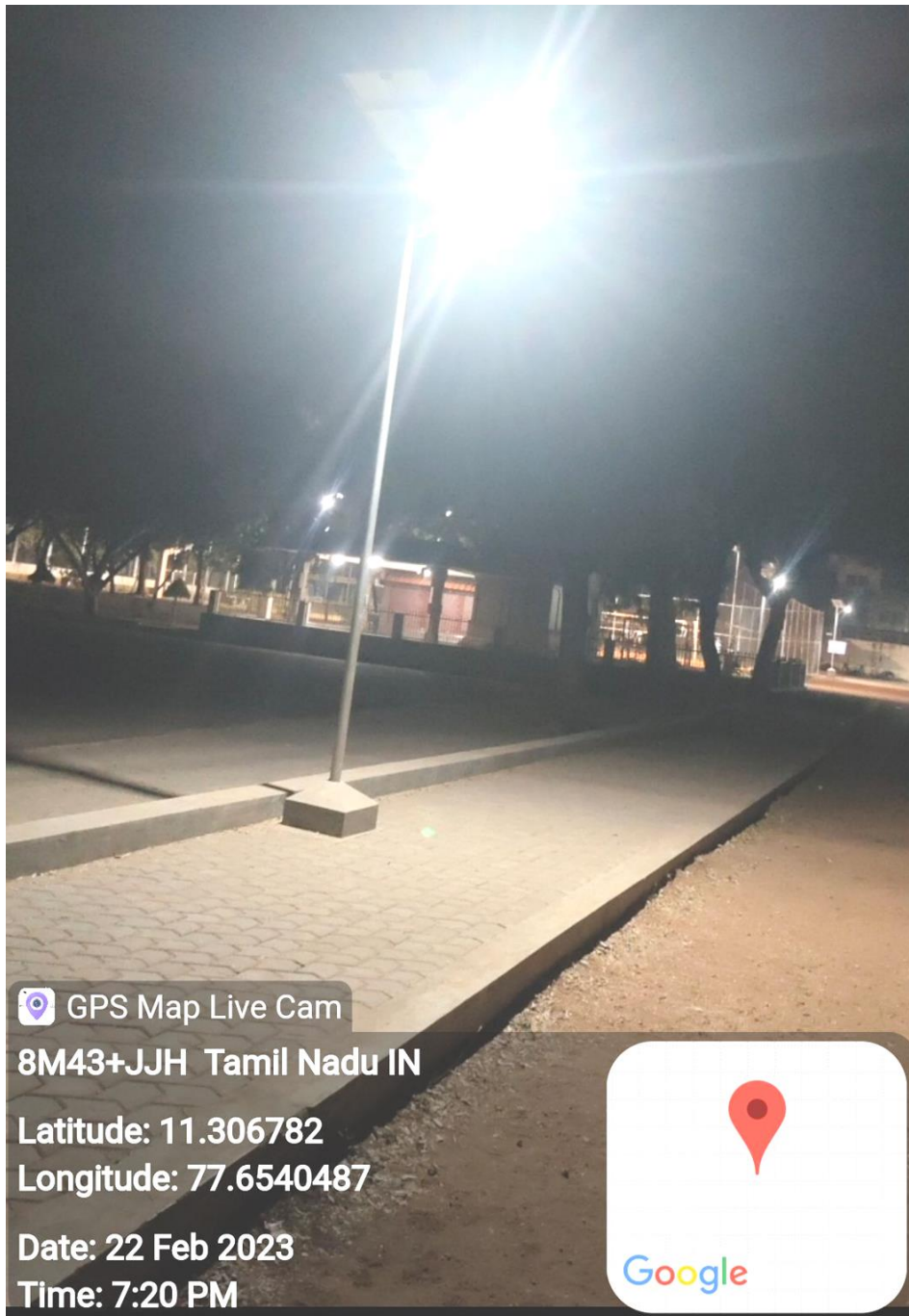
Sensor Based Lights near Car Parking area



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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 Light near Auditorium

LED Lights

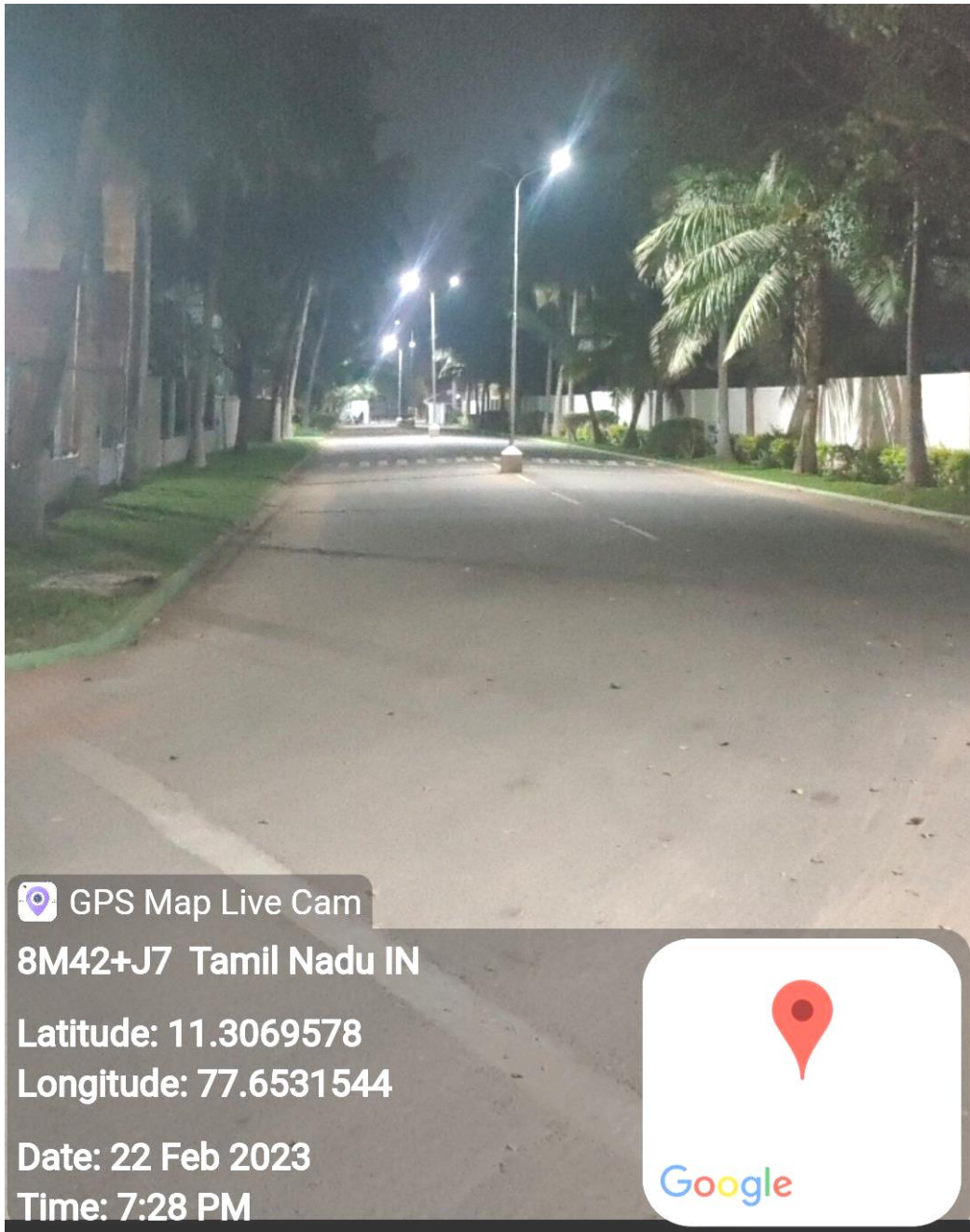


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1. LED Lights



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 Main Gate




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 GPS Map Live Cam
Kongu Arts and Science College,
Erode.
Latitude: 11.3079599
Longitude: 77.6534155
Date: 05 May 2023
Time: 2:53 PM



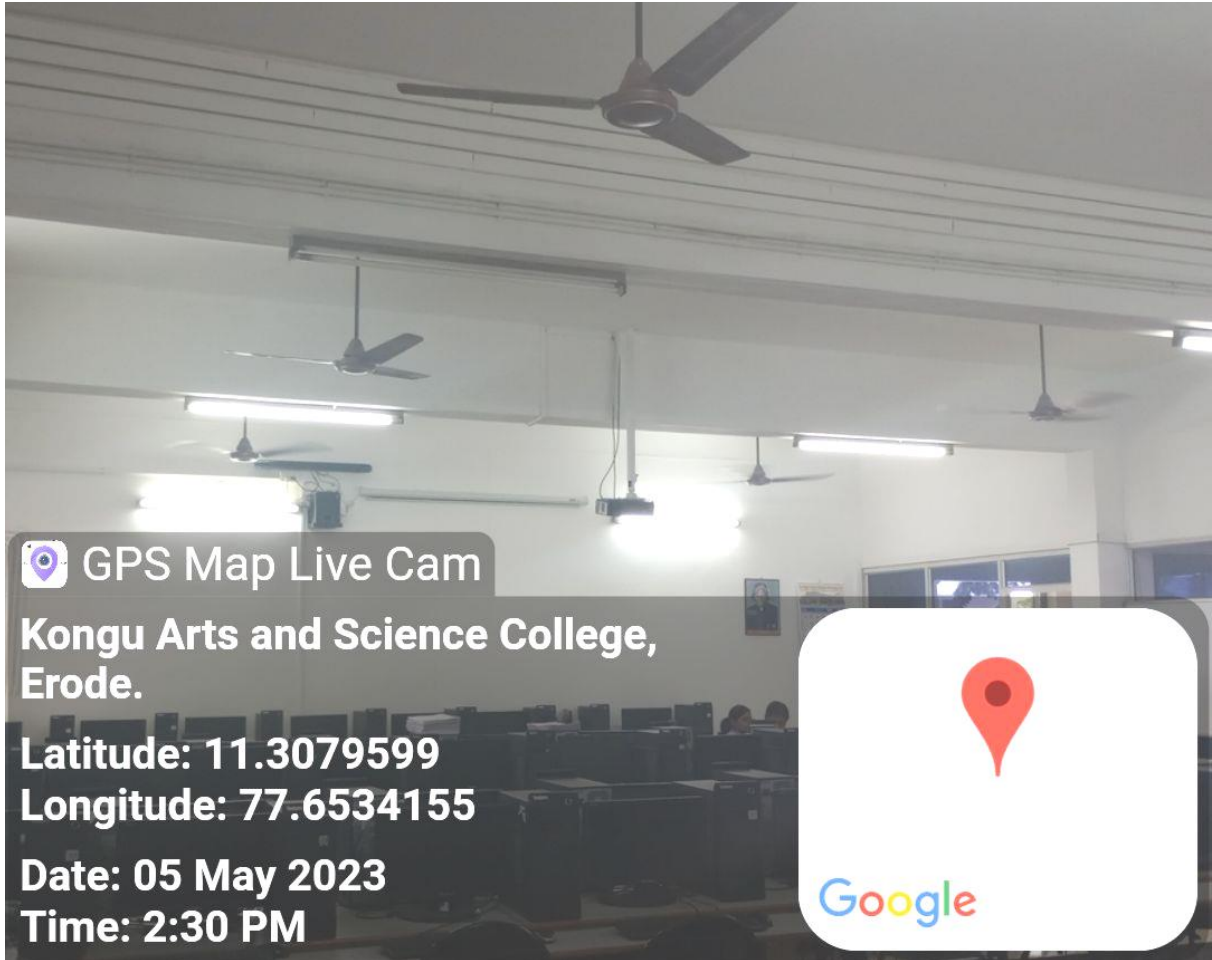
LED lights in Sewing Lab (Main Block)



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 **GPS Map Live Cam**

**Kongu Arts and Science College,
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Latitude: 11.3079599

Longitude: 77.6534155

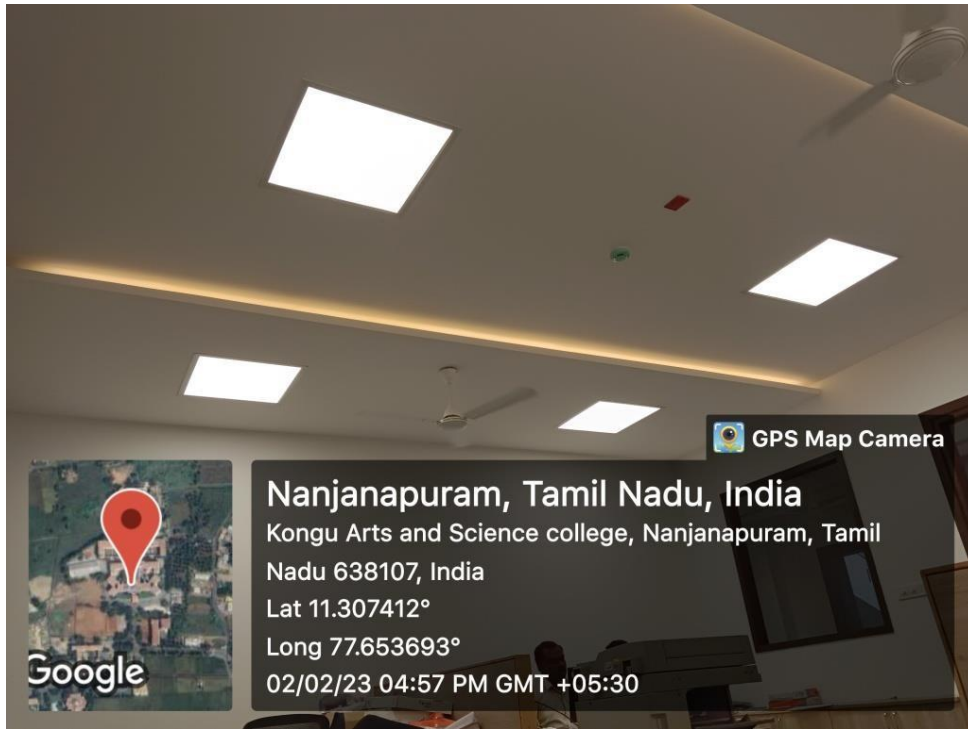
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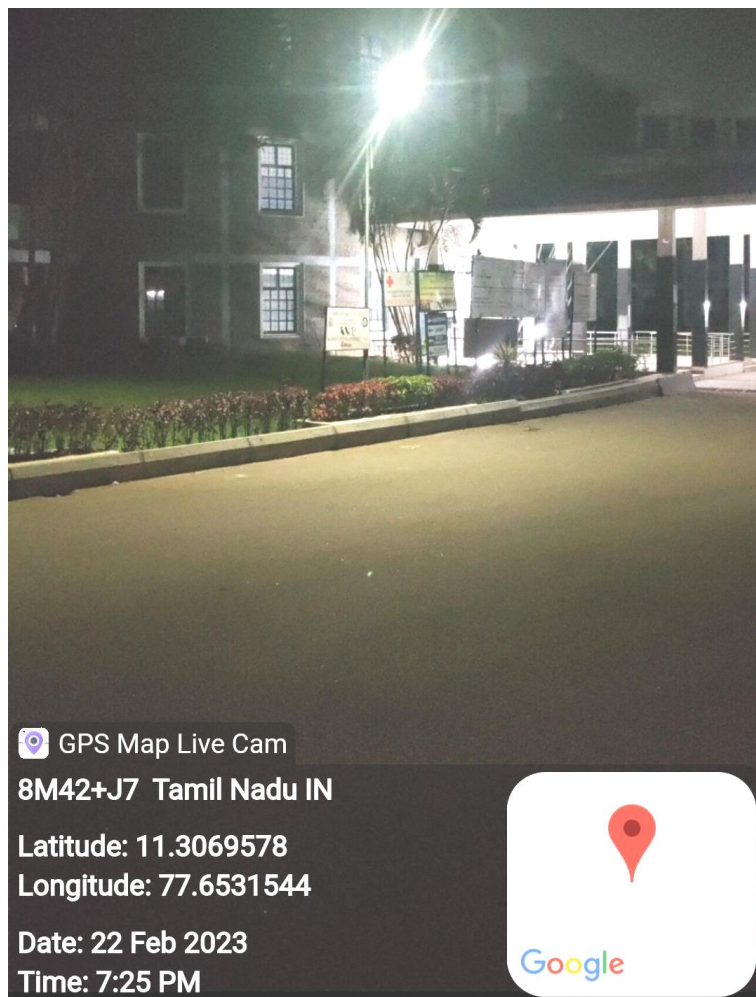


Google

LED Lights in Computer Centre – X at Library Block



LED lights installed in Main Block



LED Lights near Main Block

Power efficient Equipment

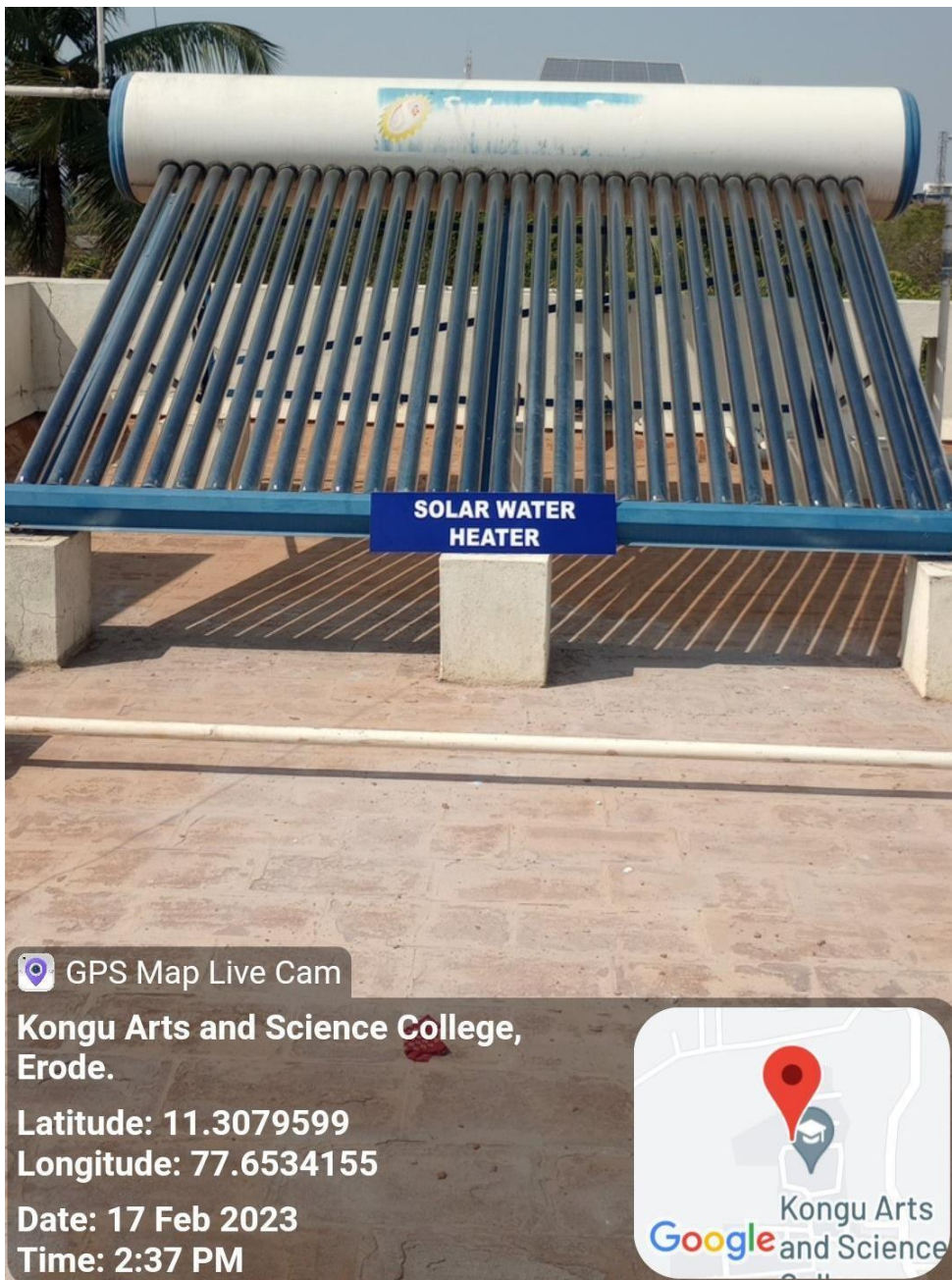


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2. Power Efficient Equipment



Power efficient Solar Water Heater on the terrace of Staff Quarters