



PERIYAR MANIAMMAI

INSTITUTE OF SCIENCE & TECHNOLOGY

(Deemed to be University)

Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited

think • innovate • transform



**GEO TAGGED PHOTOS
OF THE ALTERNATE
SOURCES OF ENERGY &
ENERGY CONSERVATION**



Criterion VII – Institutional Values and Best Practices

Key Indicator	7.1	Institutional Values and Social Responsibilities
Metric	7.1.2	The Institution has facilities for alternate sources of energy and energy conservation measures

SOLAR ENERGY

1. Solar Water Heater at Chakaravarthy Hostel



2. Solar Water Heater at Chakaravarthy Hostel





3. Solar Water Heater at Chakaravarthy Hostel

P3H8+6M, Vallam, Tamil Nadu
613403, India

Latitude Longitude

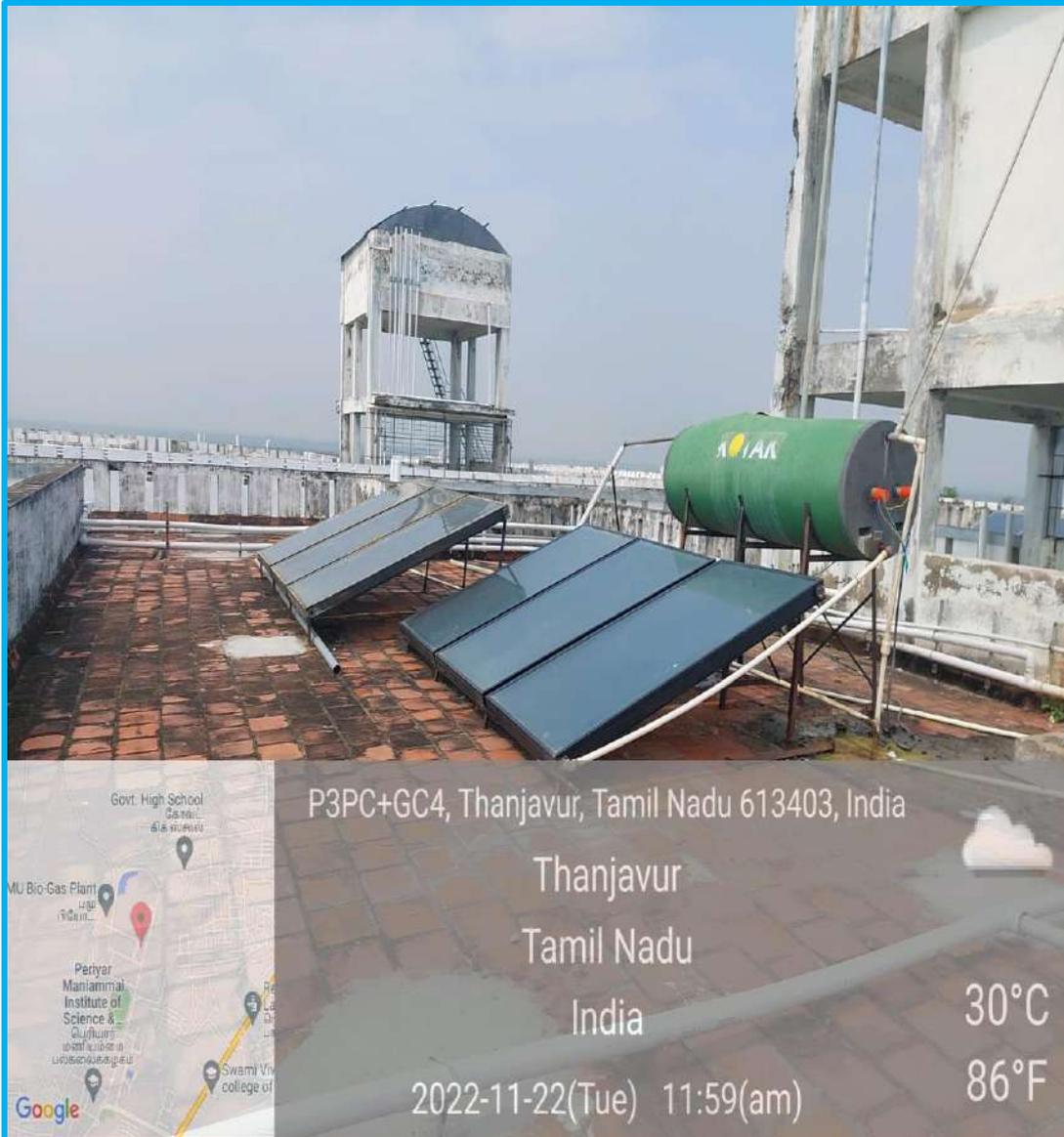
10.727790° 79.066736°

LOCAL 13:34:49 WEDNESDAY 11.22.2022

GMT 08:04:49 ALTITUDE 0 METER

4. Solar Water Heater at Vittobai Hostel





5. Solar Water Heater at Vittobai Hostel

6. Solar Water Heater at Sornaranganathan Hostel



7. Solar Water Heater at Sornaranganathan Hostel



8. Solar Water Heater at Staff Quarters



P3MF+W5W Staff Quaters, Staff Quaters, Thanjavur, Tamil Nadu 613403, India

Thanjavur
Tamil Nadu
India

2022-11-22(Tue) 12:44(pm)

30°C
86°F

9. Solar Water Heater at Staff Quarters

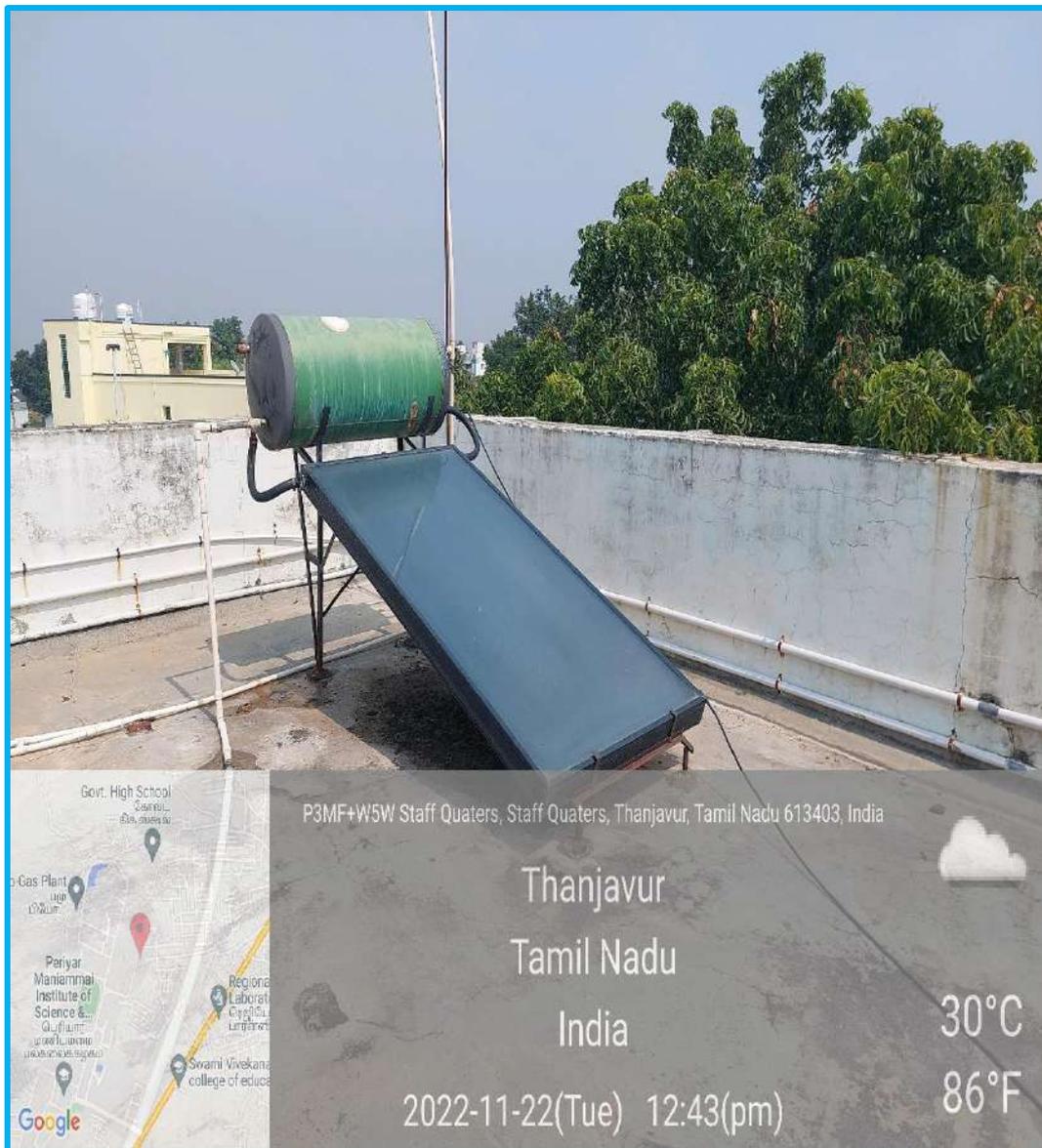


P3MF+W5W Staff Quaters, Staff Quaters, Thanjavur, Tamil Nadu 613403, India

Thanjavur
Tamil Nadu
India

2022-11-22(Tue) 12:43(pm)

30°C
86°F



11. Solar Water Heater at Staff Quarters

Solar Panels - Lighting for Annai Nagammaiyar Dinning Hall



P3MC+V4P, Vallam, Tamil Nadu 613403, India

Vallam
Tamil Nadu
India

2022-11-22(Tue) 12:37(pm)

30°C
86°F

BIOGAS PLANT



PERIYAR MANIAMMAI UNIVERSITY
VALLAM

**MULTI FEED BIOMETHANATION
POWER GENERATION PLANT**

SANCTIONED AND SUPPORTED BY
MINISTRY OF NEW AND RENEWABLE ENERGY SOURCES
GOVERNMENT OF INDIA, NEW DELHI

COST : ₹ 60.00 LAKHS

INAUGURATED BY
HIS EXCELLENCY DR.A.P.J.ABDUL KALAM
FORMER PRESIDENT OF INDIA

IN THE PRESENCE OF OUR CHANCELLOR
ESTEEMED DR. K. VEERAMANI

DR. N. RAMACHANDRAN
VICE - CHANCELLOR

DATE : 27.07.2011

பெரியார் மணியம்மை பல்கலைக் கழகம்
வல்லம்

உயிரி எரிவாயு மின் உற்பத்தி நிலையம்

புதிய, புத்தாக்க எரிசக்தி அமைச்சகம்
இந்திய அரசு, புதுதெலி உதவியுடன்
உருவாக்கப்பட்டது

திட்ட மதிப்பு : ₹ 60 லட்சம்

தொடக்கி வைத்தவர்:
மேதகு டாக்டர் ஆ.ப.ஜெ.அப்துல் கலாம் அவர்கள்
மேனாள் இந்தியக் குடியரசுத் தலைவர்

முன்னிலை:
வளாகத்திற்குரிய டாக்டர் கி.வீரமணி அவர்கள்
வேந்தர் பெரியார் மணியம்மை பல்கலைக்கழகம்

27.07.2011

டாக்டர் நவ. இராமச்சந்திரன்
வி.காண் வேந்தர்

NEEM TREE
Planted by
Dr. A. SWADHANU PILLAI
30 PUNJAB SQUARE, 1000 UNIVERSITY AVENUE, SUITE 100
ANN ARBOR, MI 48106-1500
7-2011

Bio-Gas Plant, Tamil Nadu 613403, India
Thanjavur
Tamil Nadu
India

2022-11-22(Tue) 12:14(pm)



30°C
86°F



Bio-Gas Plant, Tamil Nadu 613403, India

Thanjavur
Tamil Nadu
India



30°C

86°F

2022-11-22(Tue) 12:12(pm)



Bio-Gas Plant, Tamil Nadu 613403, India

Thanjavur
Tamil Nadu
India

2022-11-22(Tue) 12:13(pm)



30°C

86°F



Bio-Gas Plant, Tamil Nadu 613403, India

Thanjavur
Tamil Nadu

India

2022-11-22(Tue) 12:13(pm)



30°C

86°F

1. SKIP CHARGER

2. GASIFIER WITH DOUBLE DOOR

3. CYCLONE WITH DISTANCE PIECE 2-NOS

4. TOP JUNCTION BOX

5. ASH COLLECTING BOX WITH VALVE

6. DISTANCE PIECE

7. VENTURI SCRUBBER

8. DRAIN BOX

9. SEPERATION TANK

10. COARSE FILTER (1500 X1500)

11. FINE FILTER ACTIVE WFA-123 4-NOS.

12. FINE FILTER PASSIVE WEP-123 4-NOS.

13. SAFETY FILTER

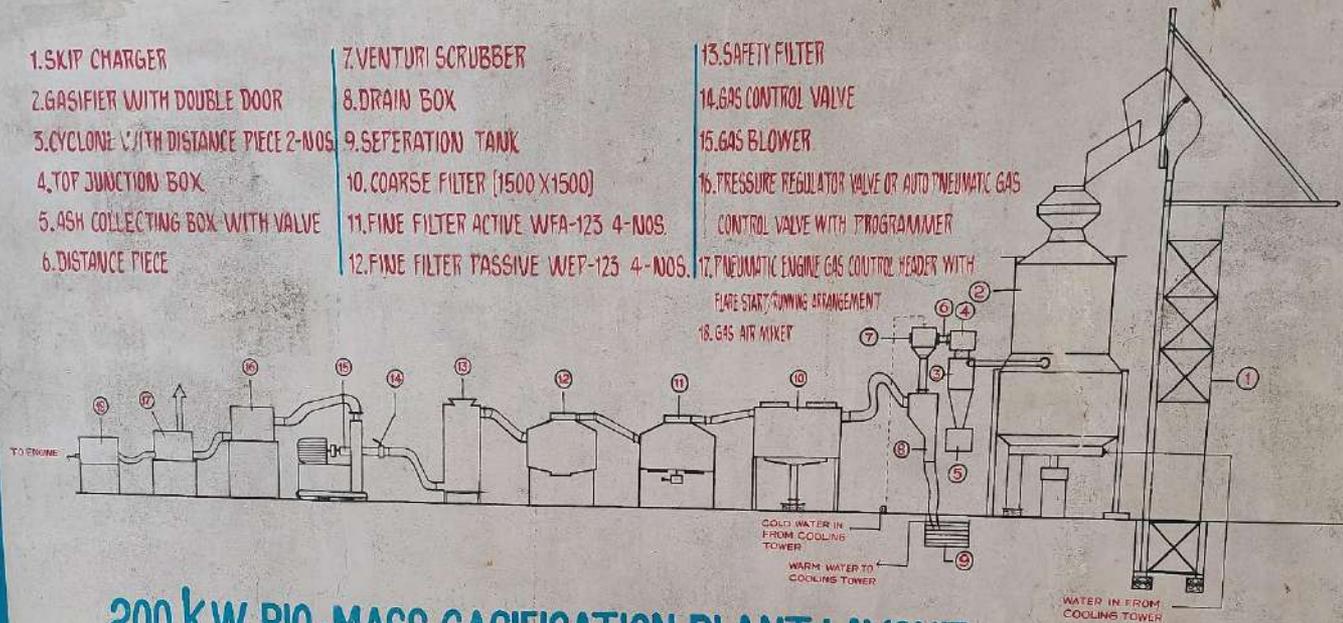
14. GAS CONTROL VALVE

15. GAS BLOWER

16. PRESSURE REGULATOR VALVE OR AUTOMATIC GAS CONTROL VALVE WITH PROGRAMMER

17. PNEUMATIC ENGINE GAS CONTROL HEADER WITH FLARE START/GUNNING ARRANGEMENT

18. GAS AIR MIXER



200 K.W. BIO-MASS GASIFICATION PLANT LAYOUT



P3JC+V8V, Vallam, Tamil Nadu 613403, India

Vallam

Tamil Nadu

India

2022-11-22(Tue) 12:56(pm)

30°C

86°F

BIOMASS GASIFICATION PLANT



P3J9+4QV, Vallam, Tamil Nadu 613403, India

Vallam
Tamil Nadu
India



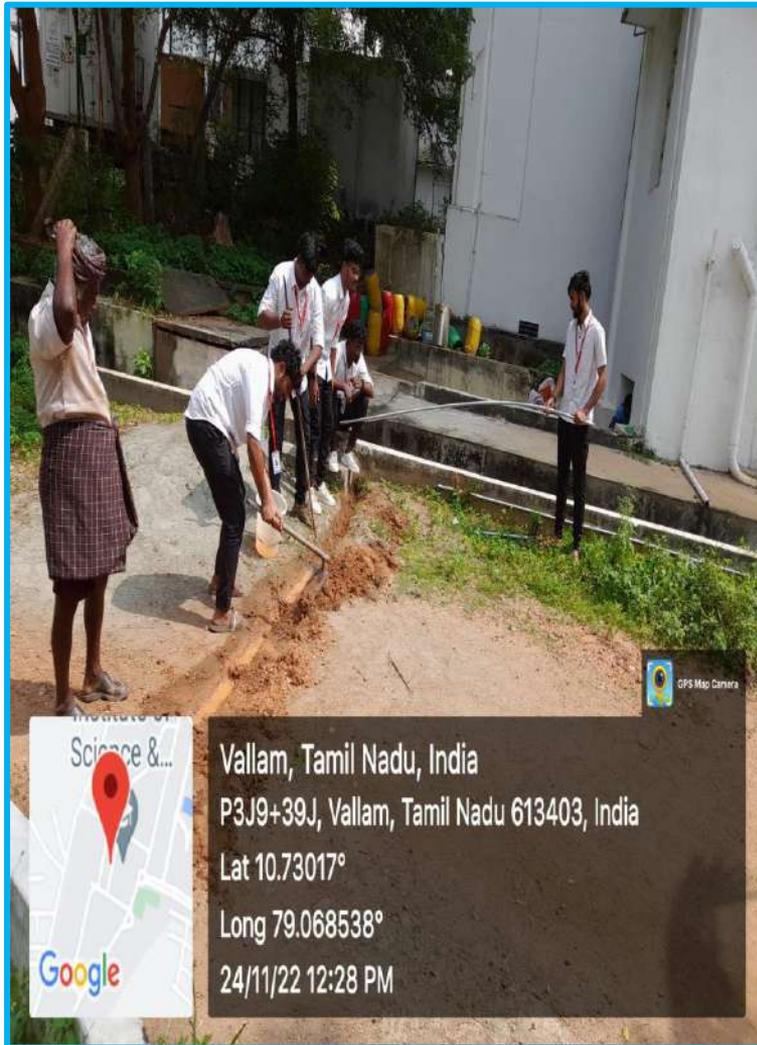
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86°F

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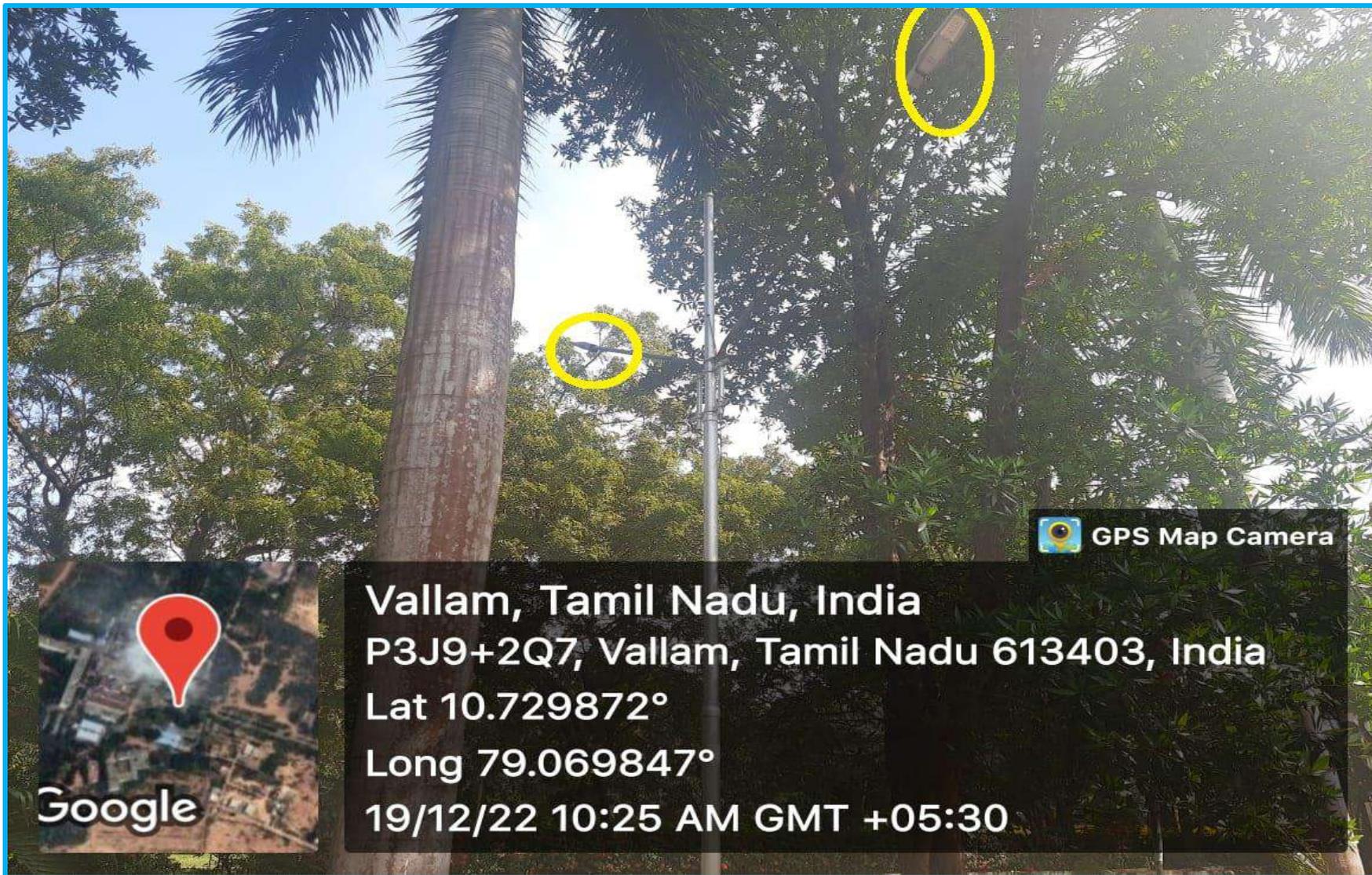
Sensor Based Energy Conservation

Sensor Based Water Level Detector for Overhead Tank



**USE OF LED BULBS /
POWER EFFICIENT
EQUIPMENT**

Street Lights Towards Administrative Building

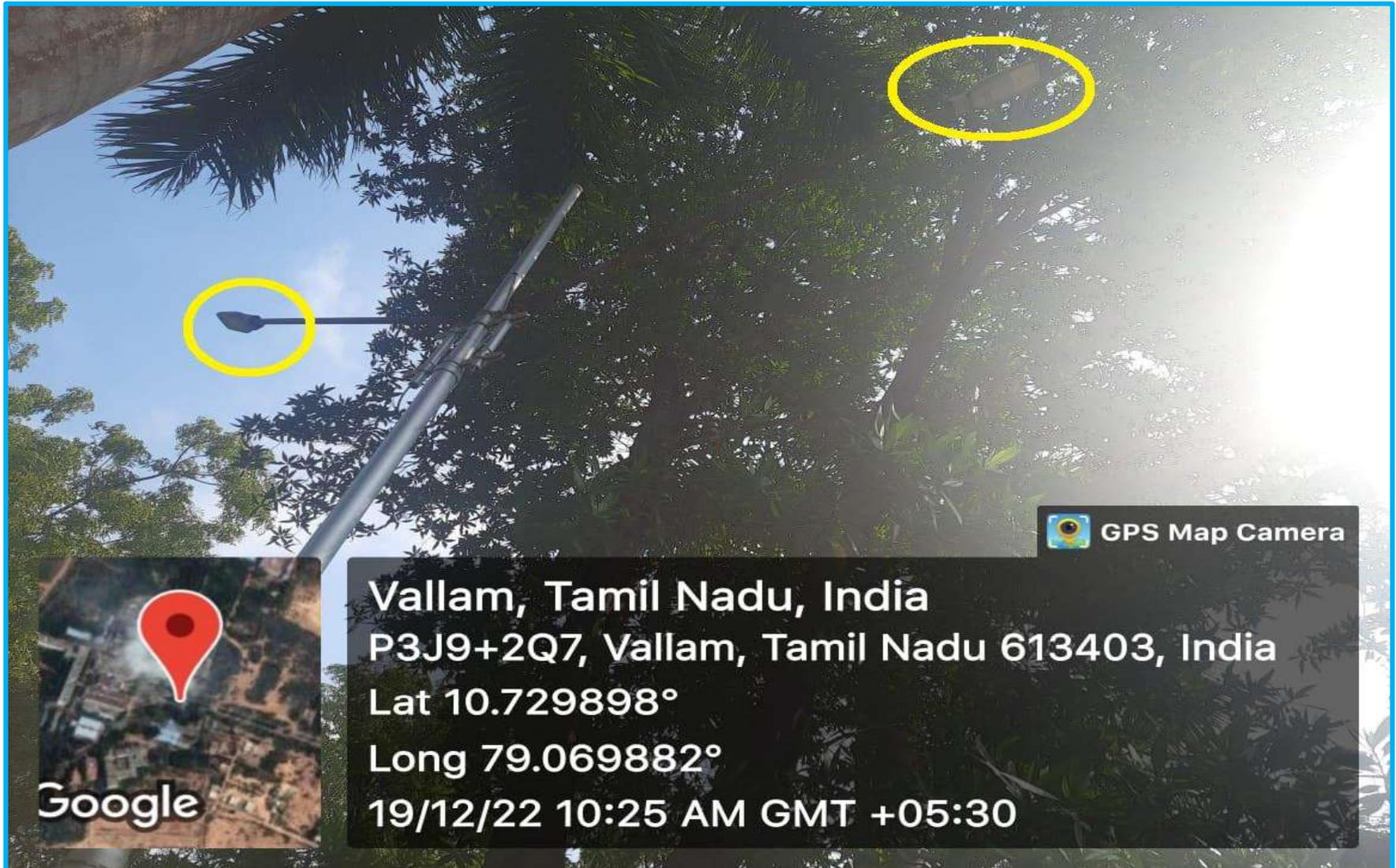


 GPS Map Camera

Vallam, Tamil Nadu, India
P3J9+2Q7, Vallam, Tamil Nadu 613403, India
Lat 10.729872°
Long 79.069847°
19/12/22 10:25 AM GMT +05:30



Street Lights Towards Administrative Building



 GPS Map Camera



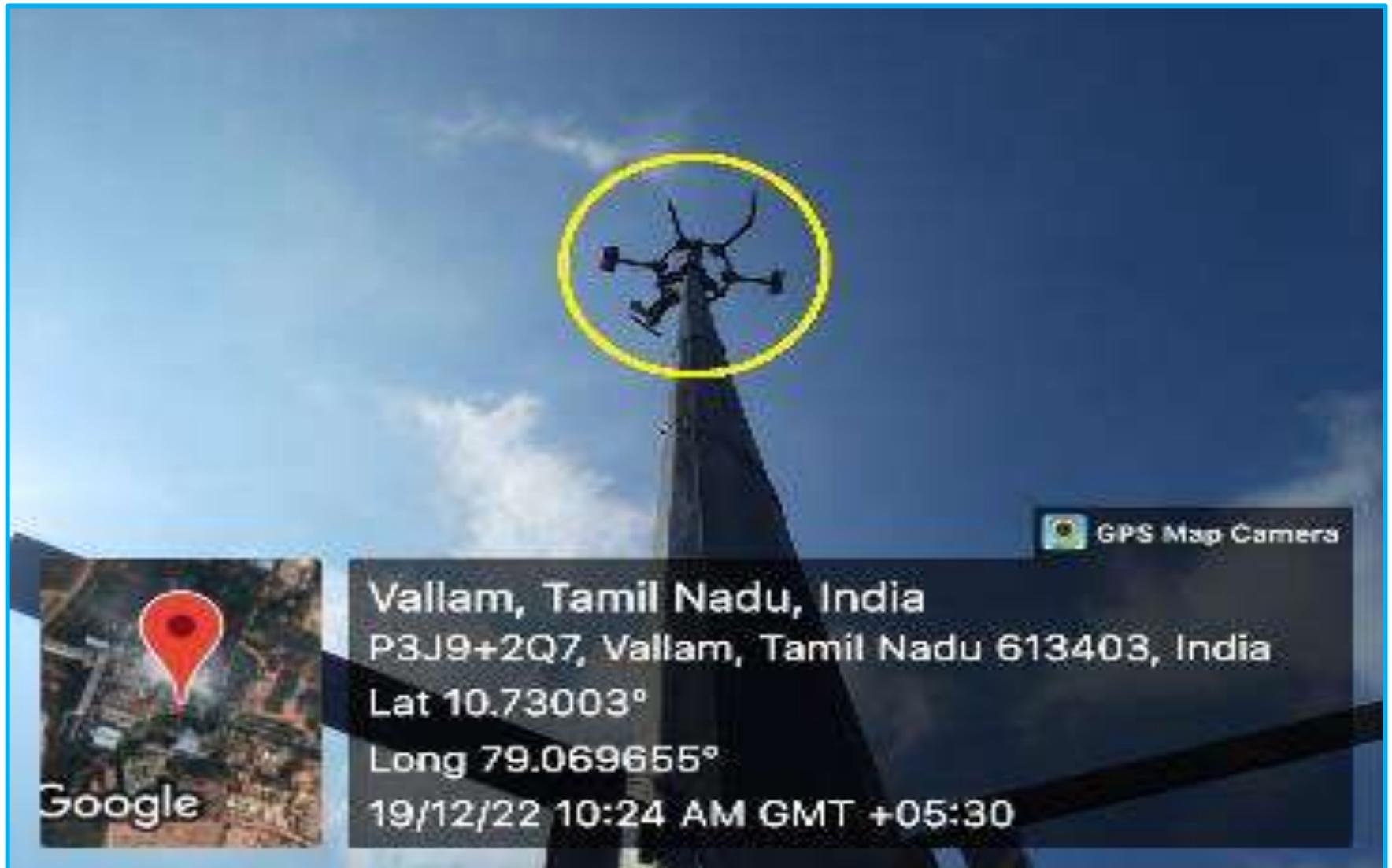
Google

Vallam, Tamil Nadu, India
P3J9+2Q7, Vallam, Tamil Nadu 613403, India
Lat 10.729898°
Long 79.069882°
19/12/22 10:25 AM GMT +05:30



Focus Lights at Administrative Building

Focus Lights at Administrative Building



LED Lights at Registrar Office Corridor



Vallam, Tamil Nadu, India

P3J9+3H6 EBSB TAMILNADU, Vallam, Tamil Nadu
613403, India

Lat 10.730163°

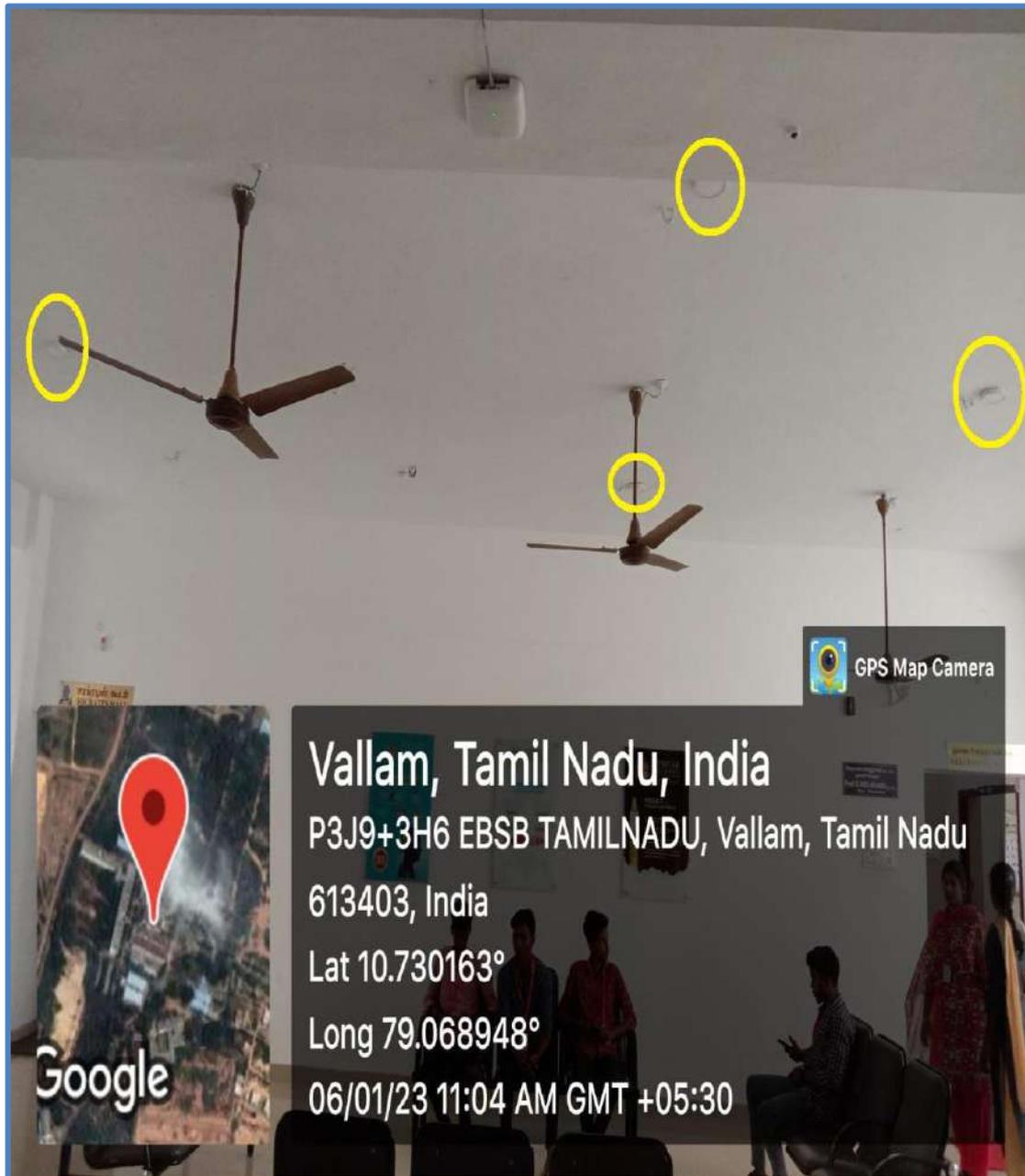
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06/01/23 11:03 AM GMT +05:30

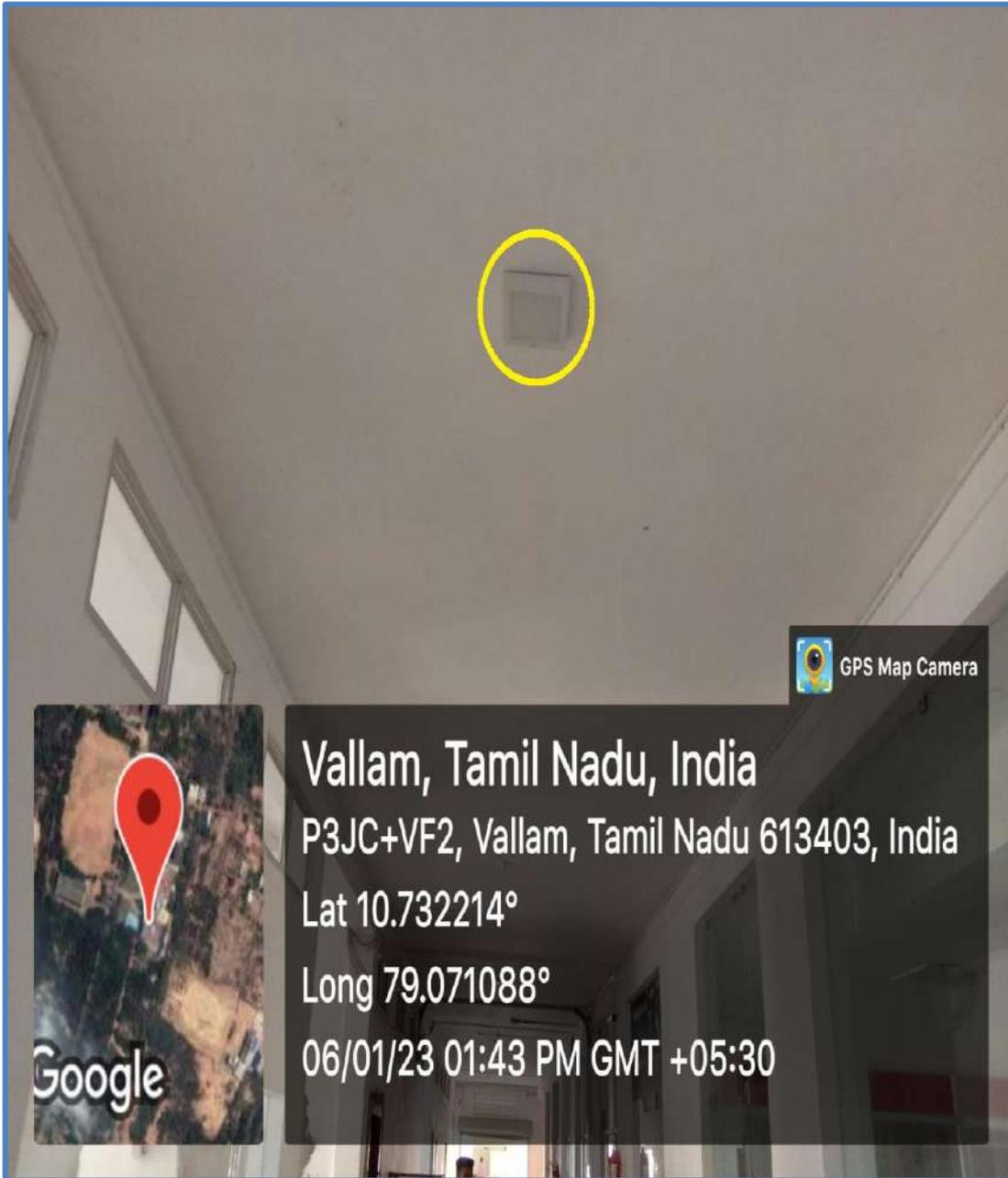
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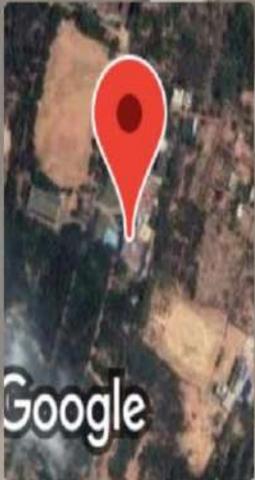
GPS Map Camera



LED Lights at Vice Chancellor Office Waiting Hall



**LED Lights at
Periyar Knowledge
Centre (PKC)
Corridor**



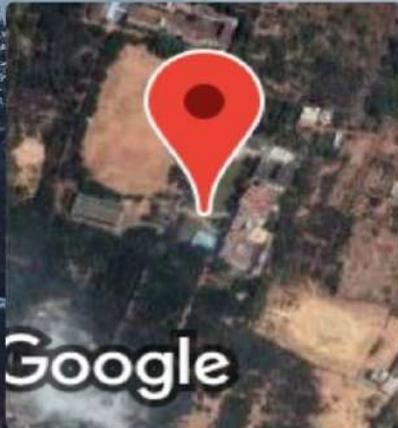
Vallam, Tamil Nadu, India
P3JC+VF2, Vallam, Tamil Nadu 613403, India
Lat 10.732214°
Long 79.071088°
06/01/23 01:43 PM GMT +05:30



Focus Lights at Staff Quarters



GPS Map Camera



Vallam, Tamil Nadu, India

P3JC+V8V, Vallam, Tamil Nadu 613403, India

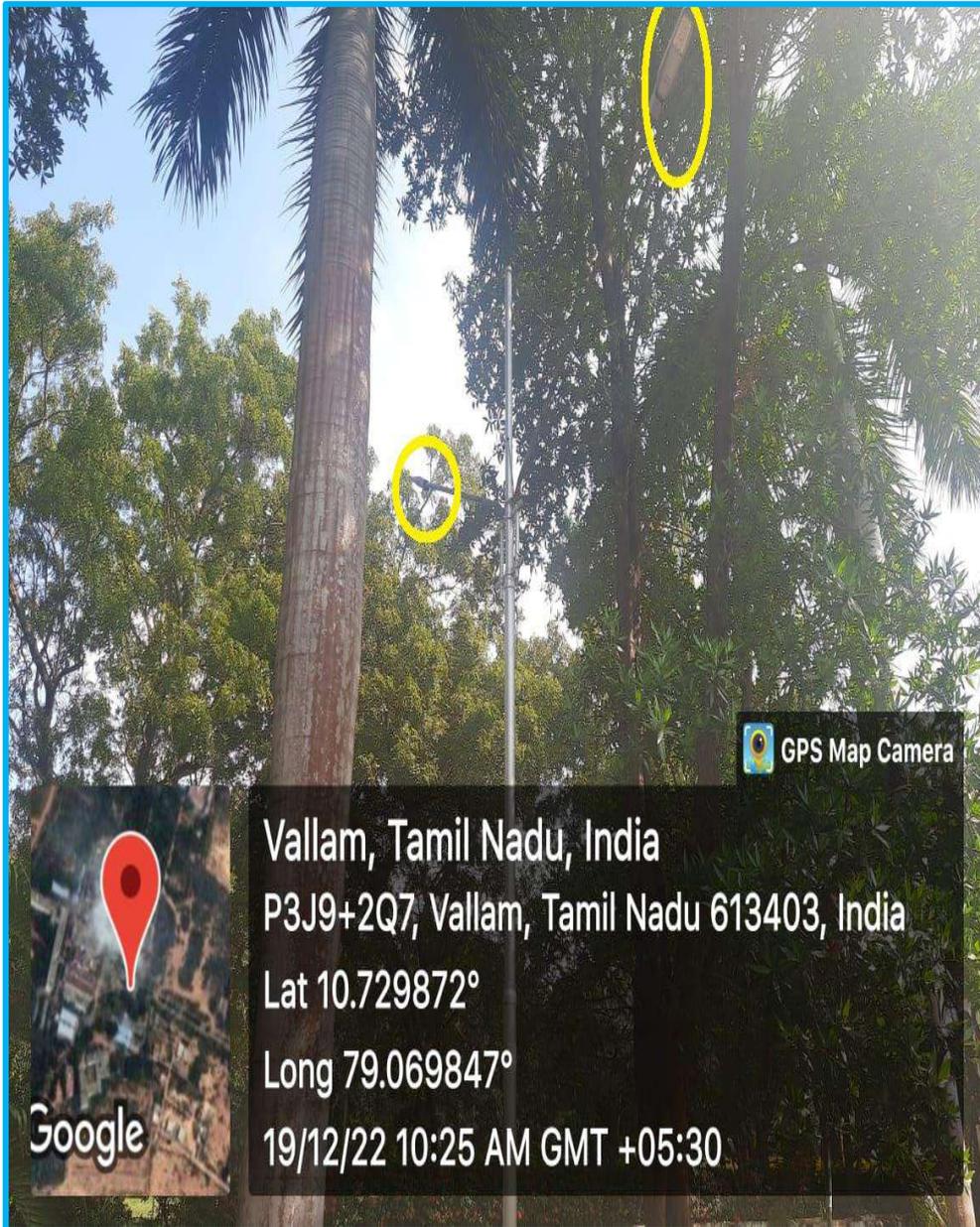
Lat 10.732498°

Long 79.07082°

06/01/23 01:40 PM GMT +05:30



LED Street Lights in the Campus



LED Street Lights in the Campus

GPS Map Camera

Vallam, Tamil Nadu, India

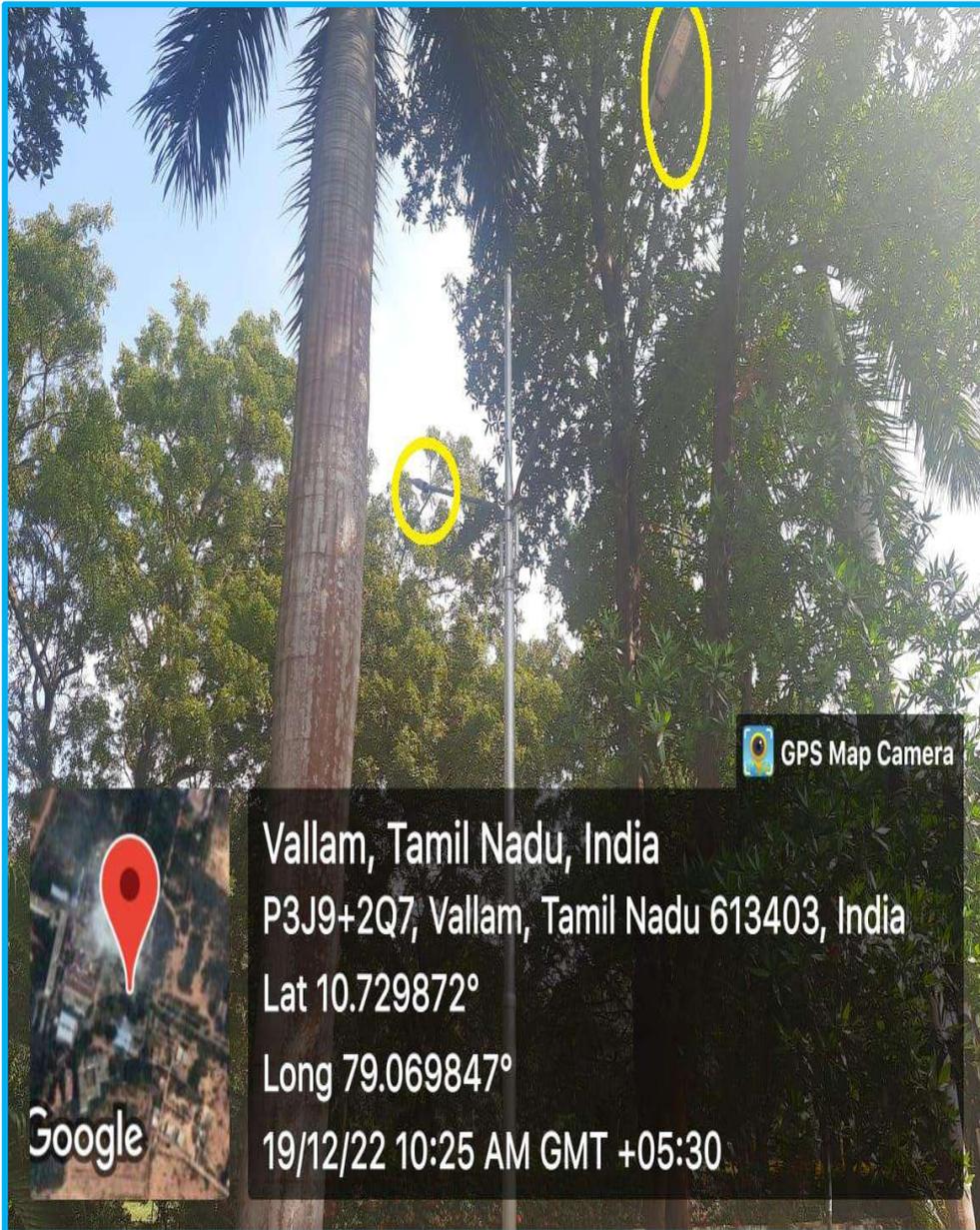
P3J9+2Q7, Vallam, Tamil Nadu 613403, India

Lat 10.729872°

Long 79.069847°

19/12/22 10:25 AM GMT +05:30

Google



LED Street Lights in the Campus

GPS Map Camera

Vallam, Tamil Nadu, India

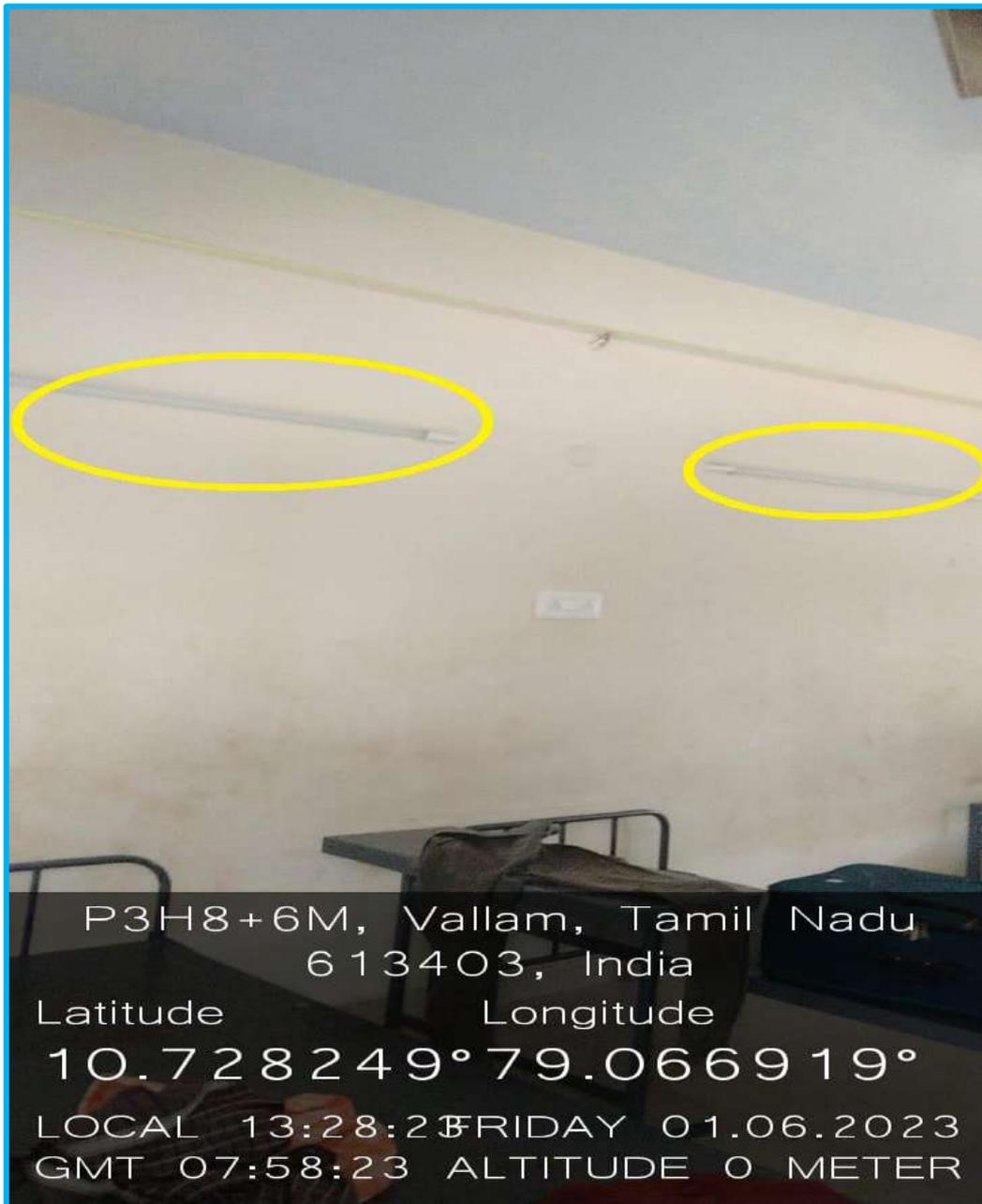
P3J9+2Q7, Vallam, Tamil Nadu 613403, India

Lat 10.729872°

Long 79.069847°

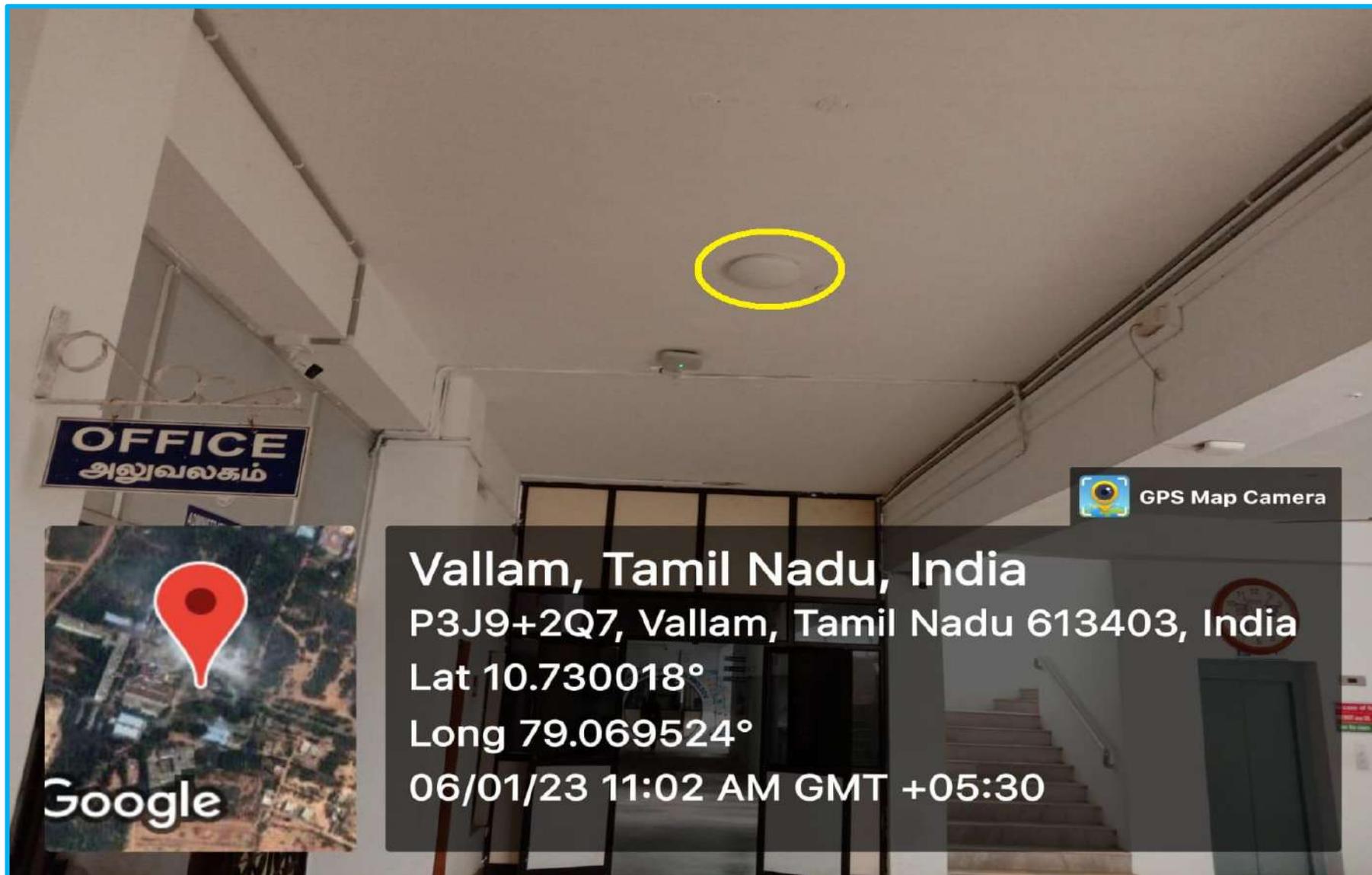
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Google

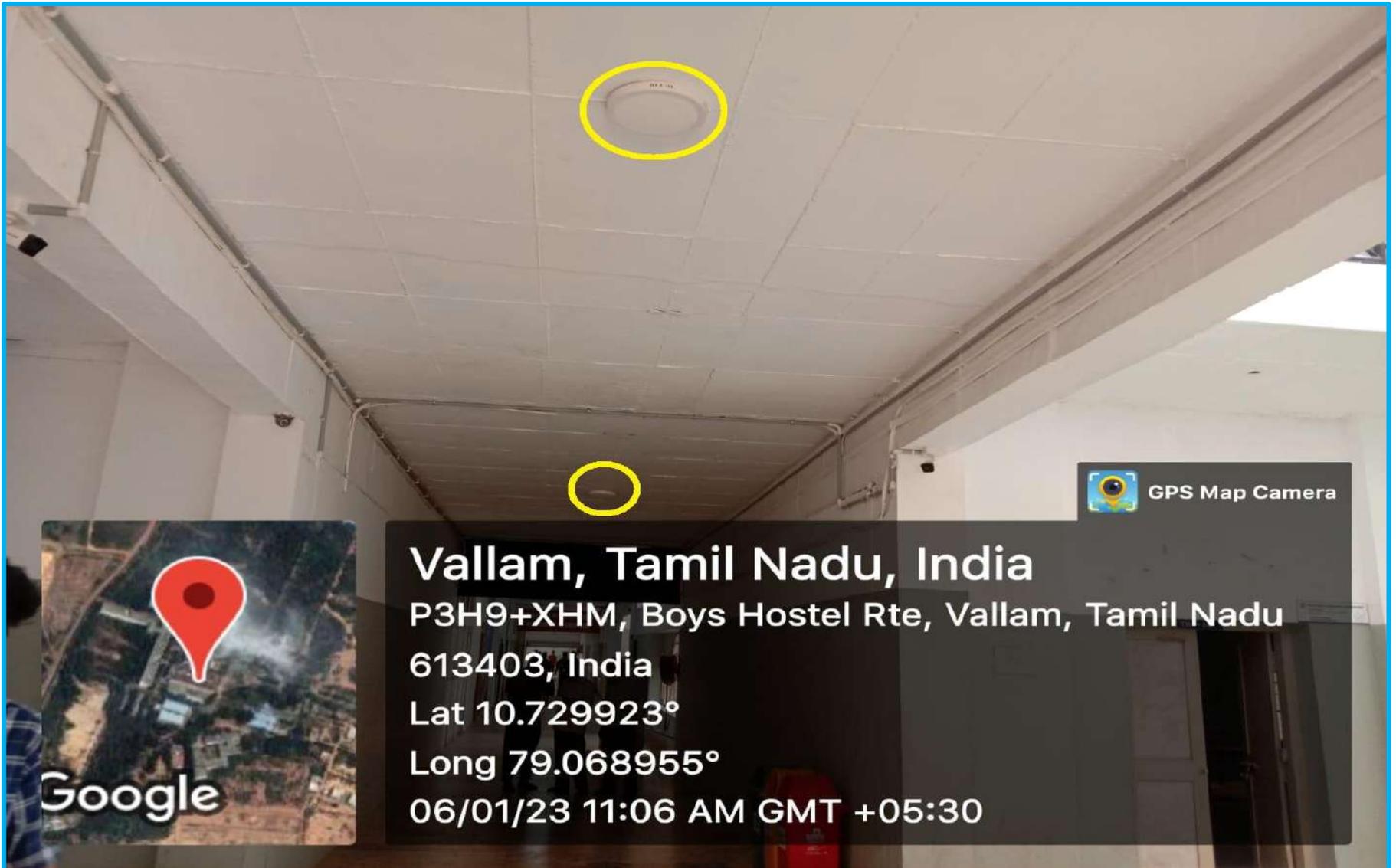


LED Tube Lights at Boys Hostel

LED Lights at Corridors in Various Building of the Campus



LED Lights at Corridors in Various Building of the Campus



GPS Map Camera

Vallam, Tamil Nadu, India

P3H9+XHM, Boys Hostel Rte, Vallam, Tamil Nadu

613403, India

Lat 10.729923°

Long 79.068955°

06/01/23 11:06 AM GMT +05:30



LED Lights at Corridors in Various Building of the Campus



 GPS Map Camera



Vallam, Tamil Nadu, India

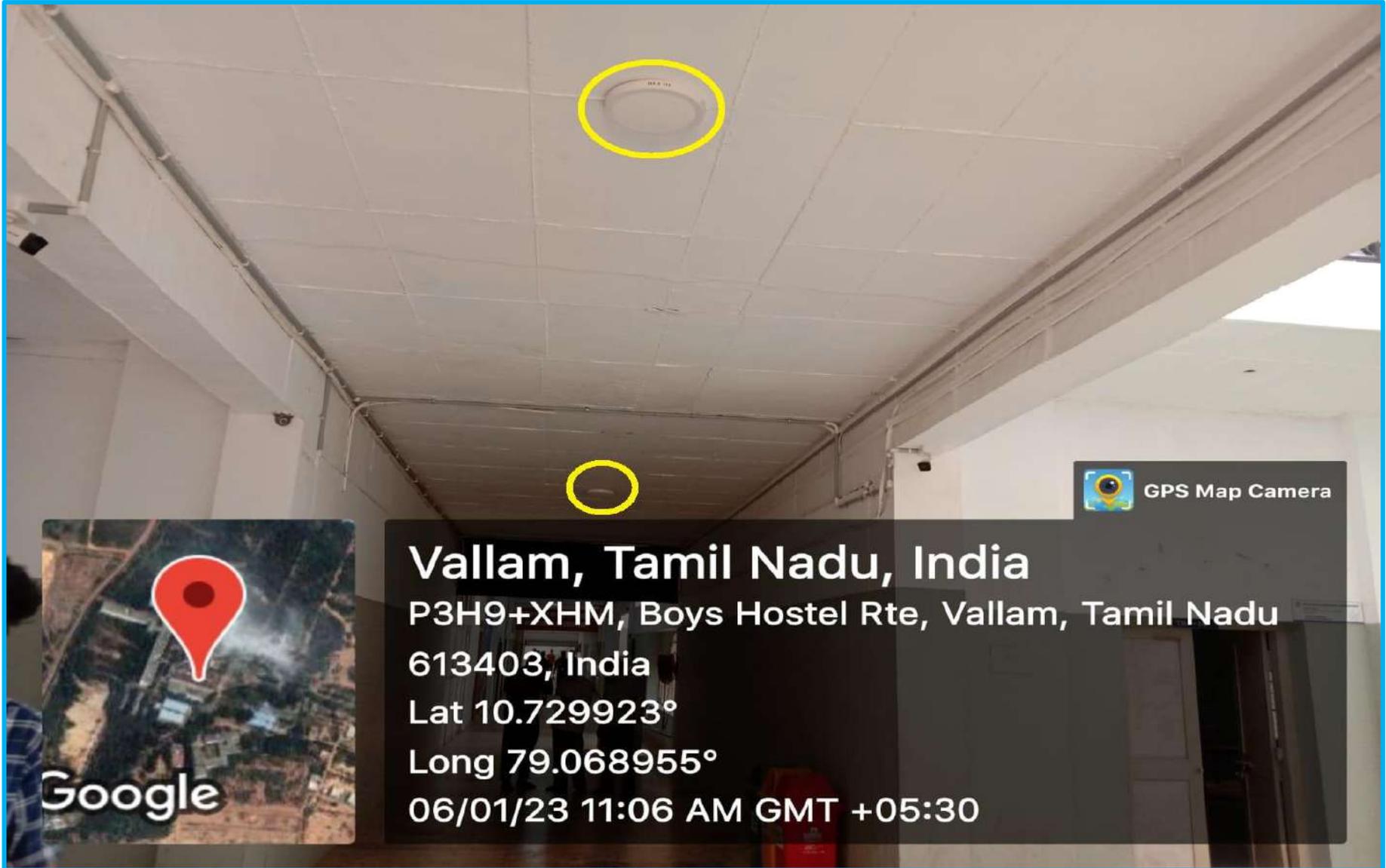
P3J9+3H6 EBSB TAMILNADU, Vallam, Tamil Nadu 613403,
India

Lat 10.730252°

Long 79.068926°

19/12/22 10:19 AM GMT +05:30

LED Lights at Corridors in Various Building of the Campus



Vallam, Tamil Nadu, India

P3H9+XHM, Boys Hostel Rte, Vallam, Tamil Nadu

613403, India

Lat 10.729923°

Long 79.068955°

06/01/23 11:06 AM GMT +05:30



LED Lights at Corridors in Various Building of the Campus



GPS Map Camera

Vallam, Tamil Nadu, India
P3JC+VF2, Vallam, Tamil Nadu 613403, India
Lat 10.732259°
Long 79.071072°
06/01/23 01:45 PM GMT +05:30



Google

LED Lights at Corridors in Various Building of the Campus

