



# Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956



## Facilities for Alternative Sources of Energy and Energy Conservation Measures





# **Bharath**

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

## **Facilities for Alternate Sources of Energy and Energy Conservation Measures**

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## FACILITIES FOR ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

### 1) SOLAR ENERGY

BIHER has been implementing several solar energy implementations as alternative energy sources to supplement energy needs at different Campuses.

On analysing the average power consumption graph in the BIHER campus, it was noted that a minimum of 25 KW power is consumed daily. In some days like in summer average consumption exceeds 30 KW. Thus, it was very essential to reduce the power consumption, which we obtain from the conventional form with renewable energy resources. Solar energy was adopted as an alternate way for reducing the maximum power consumption from the powerhouses. The site selection was based on solar insolation availability, grid connectivity, availability of adequate rooftop space for power generation. The rooftops area is used for the solar panel installation. Strings of 11kW and 3.5kW are mounted on the rooftops of Campus-1. Wirings were done carefully by implementing all the required safety equipment. Caution and mandatory signs were placed for awareness. Design, manufacturing, erection and quality assurance expertise were put to test in the commissioning phase by the manufacturer of the equipment and the installation team of Amrita. After the installation, on an average basis, about 128 kWh of energy is given to the grid per day. Therefore, on an average of 35-megawatt hour energy is generated in twelve months. 3.5kW is off-grid. This is used for battery charging and for lighting purpose. Recently BIHER repaired the solar installation. The bills are attached below.

#### Installed Solar Photovoltaic Systems

Location : Chennai

Latitude : 12.90<sup>0</sup>N

Longitude : 80.13<sup>0</sup>E

Solar Azimuth Angle at local noon : 202<sup>0</sup>

#### Battery Storage System : 3.5KW

Number of panels 12

Configuration : 6 Strings each string made of 2 modules

Battery Bank : Total number: 24,  
Each battery 2V, 340Ahr,  
All connected in series

Electrical Characteristic of each panel

: P<sub>max</sub>=280W

: V<sub>oc</sub> = 43V

: V<sub>mp</sub> = 35V

: I<sub>sc</sub> = 8V

: I<sub>mp</sub>=8.68A

: Maximum System Voltage =1000V







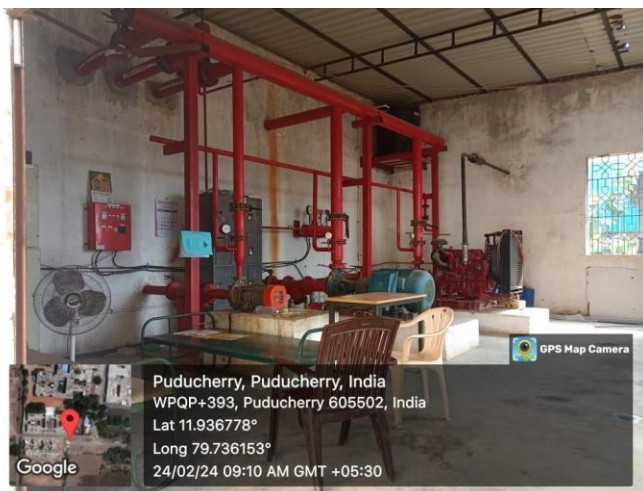


2) **Biogas Plants:**

Bio Gas Plants have been installed in the campuses for disposal of organic waste from mess and canteen. Waste food per day is processed in these plants. It produces an output of gas daily, which is used in the kitchen of the Hotel Management. A daily record of food waste fed into the plant and gas produced /used is separately maintained. Bio Gas Plants have been installed in the campus for disposal of organic waste from mess and canteen. A daily record of food waste fed into the plant and gas produced /used is separately maintained.

Capacity of Biogas plant:

Description of biogas	Capacity (cubic meter)	Bio gas Utilization
FRP base Bio digester	5 or 14 KWh	kitchen





### 3) WHEELING THE GRID

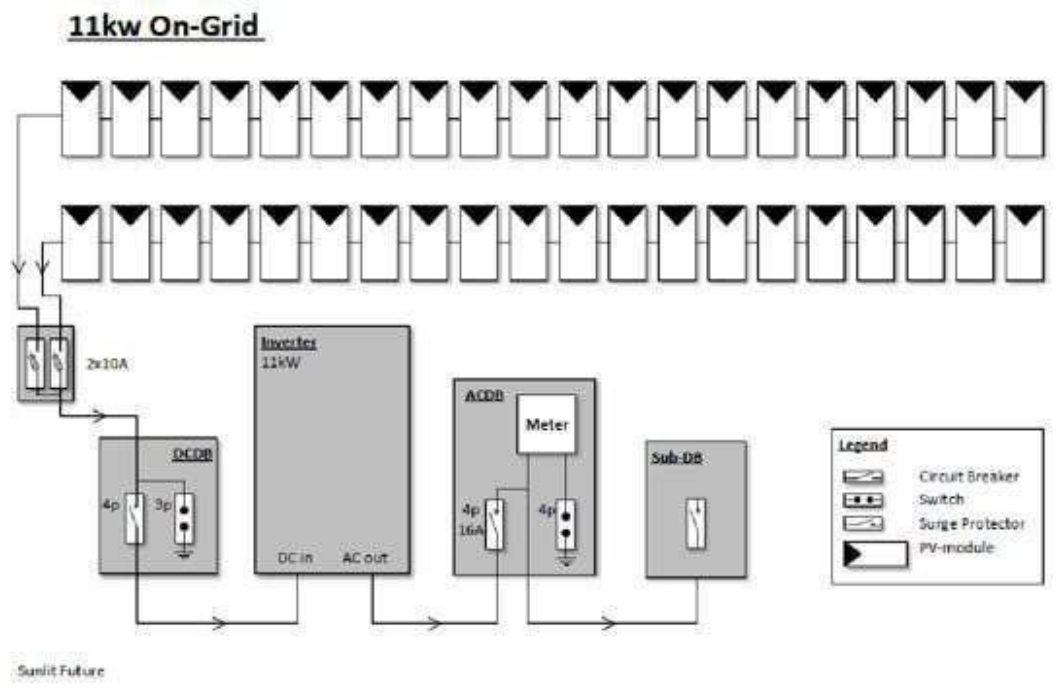
Wheeling is the transfer of electrical power via a utility's transmission or distribution system between different grid or network service areas. When it comes to solar PV, the areas where the sun is most powerful and consistent is often geographically separate from the urban hubs where electricity is required.

**On Grid System** : **11kW**  
Number of panels : 40  
Configuration : 2 Strings each string made of 20 modules

Electrical Characteristic of each panel

:  $P_{max}=280W$   
:  $V_{oc} = 43V$   
:  $V_{mp} = 35V$   
:  $I_{sc} = 8V$   
:  $I_{mp}=8.68A$   
: Maximum System Voltage =1000V

Delta 11kW Inverter (Solivia)  
Data Collection System  
Solivia Gate Way, EOE90010381, SOLIVIA GW WEB MONITOR



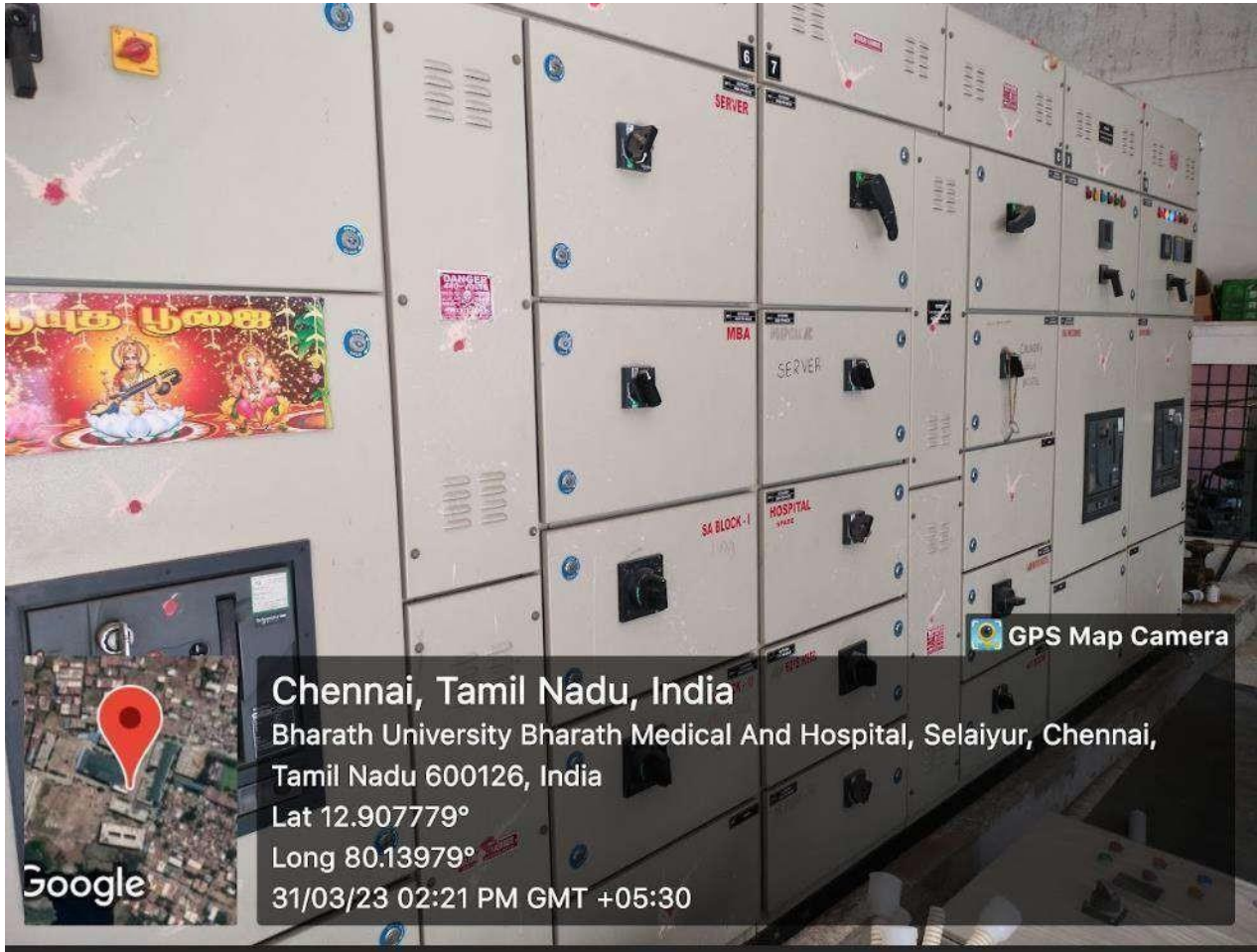
# Facilities for alternate sources of energy and energy conservation measures





**Electrical Panel Room**





Electrical Panel Room



DG Systems





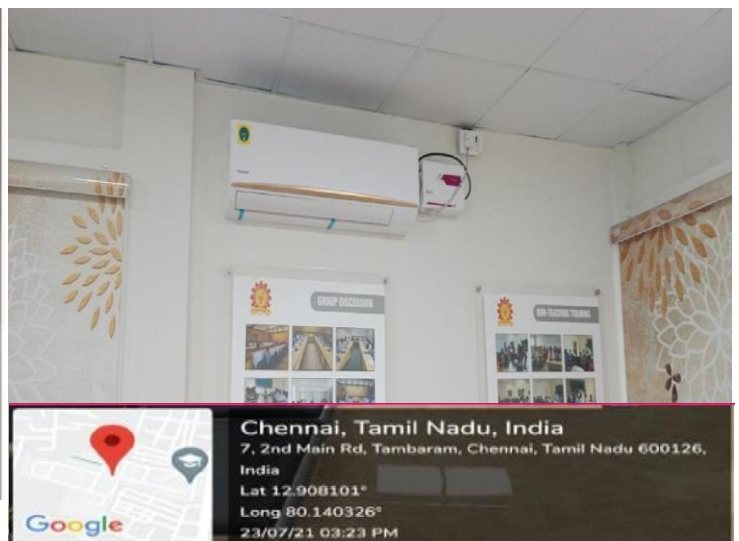
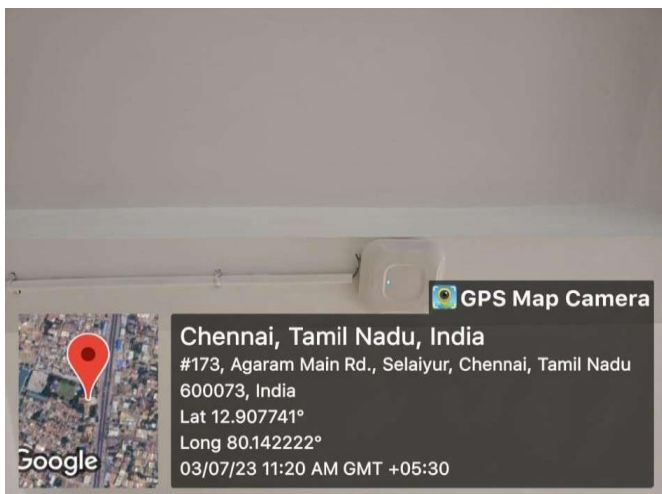
DG Systems



### 4) SENSOR-BASED ENERGY CONSERVATION

Wireless Sensor based systems have been deployed in BIHER, for various applications such as monitoring, maintenance, security etc. The use of wireless sensor technology for energy conservation, in which the sensor is deployed to sense and monitor the environmental conditions and take decisions based on the inputs from the various sensors.

The BIHER has installed several sensor-based lighting systems and Smart Sensor based Energy-Efficient 5-star ACs & LEDs. In this system the lights will automatically turn on when Sun Light goes away and turns off when sun light comes in. The class rooms are sensor-based auto temperature control. By this process BIHER saves energy. Dark areas of BIHER are lit using Automatic Human Sensor Switches, which avoids unwanted usage of electricity.



**Wi-Fi Sensor based automatic lighting system installed in the BIHER campuses**

### 5) USE OF LED BULBS/POWER EFFICIENT EQUIPMENT

Use of LED bulbs/ power efficient equipment of BIHER has 33/11KV Sub-Station within the campus premises and was able to convert the existing HPSV/HPMH outdoor light fittings into LED outdoor lightings.

The BIHER is very much responsible for energy saving and green environment. The University installed LED lights in maximum Counselling office rooms , Laboratories and Library. The university is in progress of 100% LED lighting system. Avoiding CFL and other Lights University avoids emission of poisonous gas. Maximum small Street lights are LED based and also sensor based.

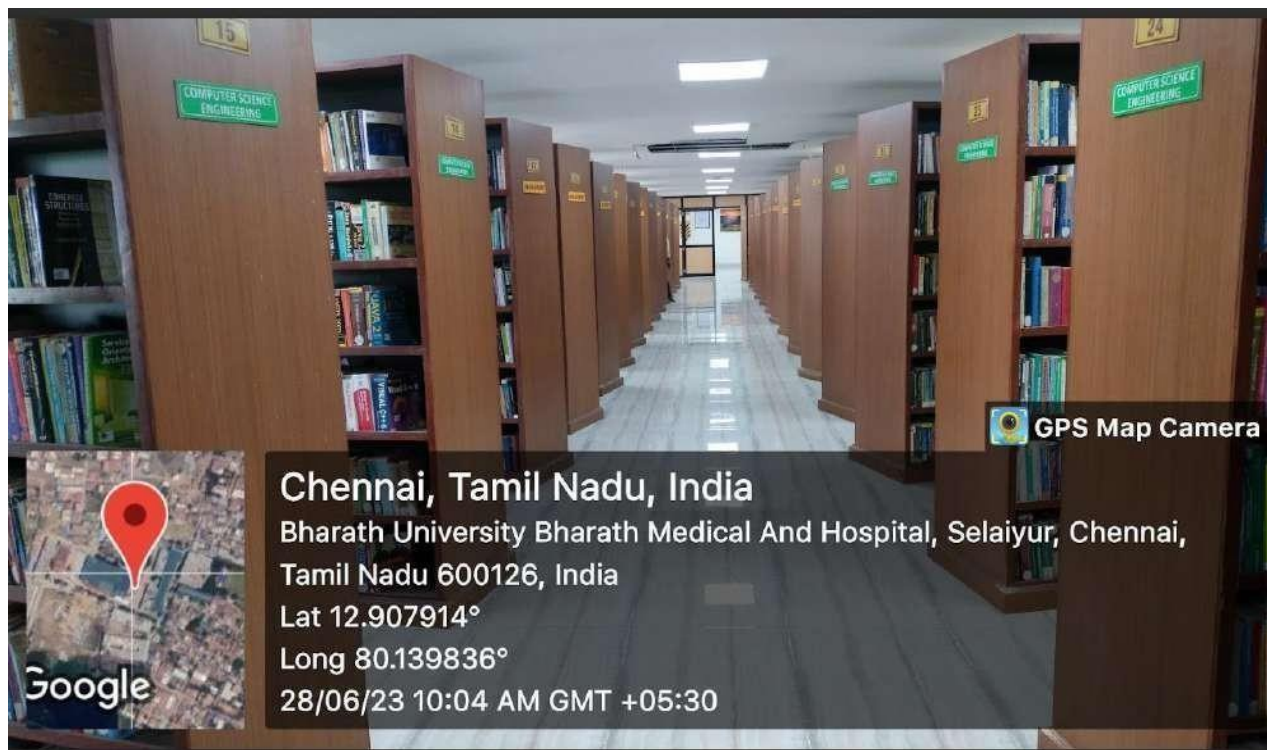


**LED Lights in the Counselling Offices**

## Facilities for alternate sources of energy and energy conservation measures







**LED Lights in the Central Library**



**LED Street Lights inside the campuses**





**LED Lights inside the campuses**





**LED display inside the campuses**



**LED Street Lights inside the campus**





**LED Traffic Lights inside the campus**





**LED Lights inside the campus**

## **7.1.2 Environmental Consciousness and Sustainability**

### **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**

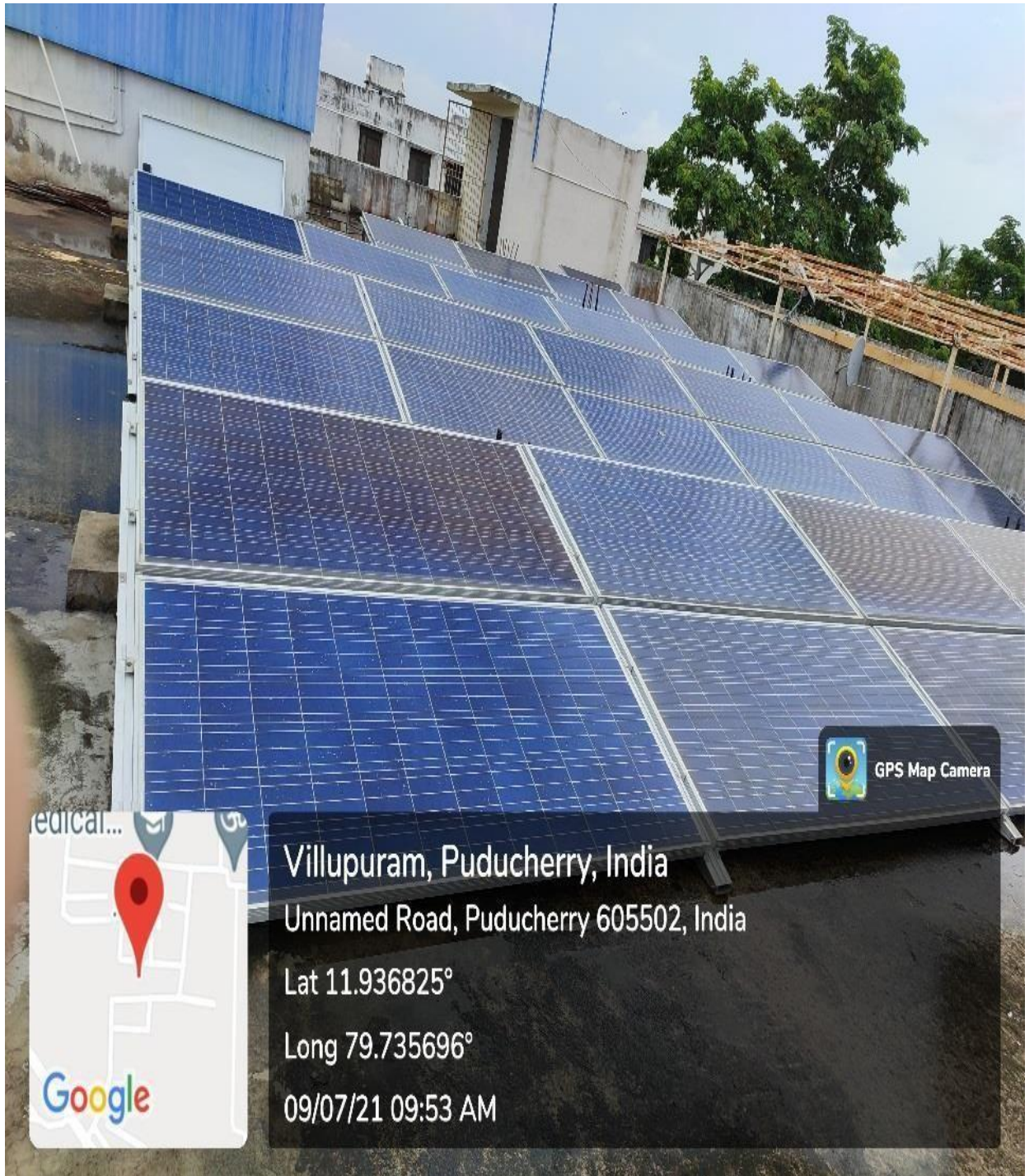
**5.Use of LED bulbs/ Power Efficient Equipment**

**Bharath Institute of Higher  
Education & Research**



# 1.Solar Energy

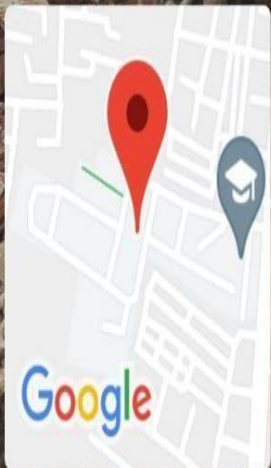
## Sri Lakshmi Narayana Institute of Medical Sciences-SLIMS





**SOLAR ENERGY – Solar Panel @ BIST**

**Bharath Institute of Science & Technology**



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

20/07/21 02:29 PM





## SOLAR ENERGY @ SCHOOL OF ARTS AND SCIENCE



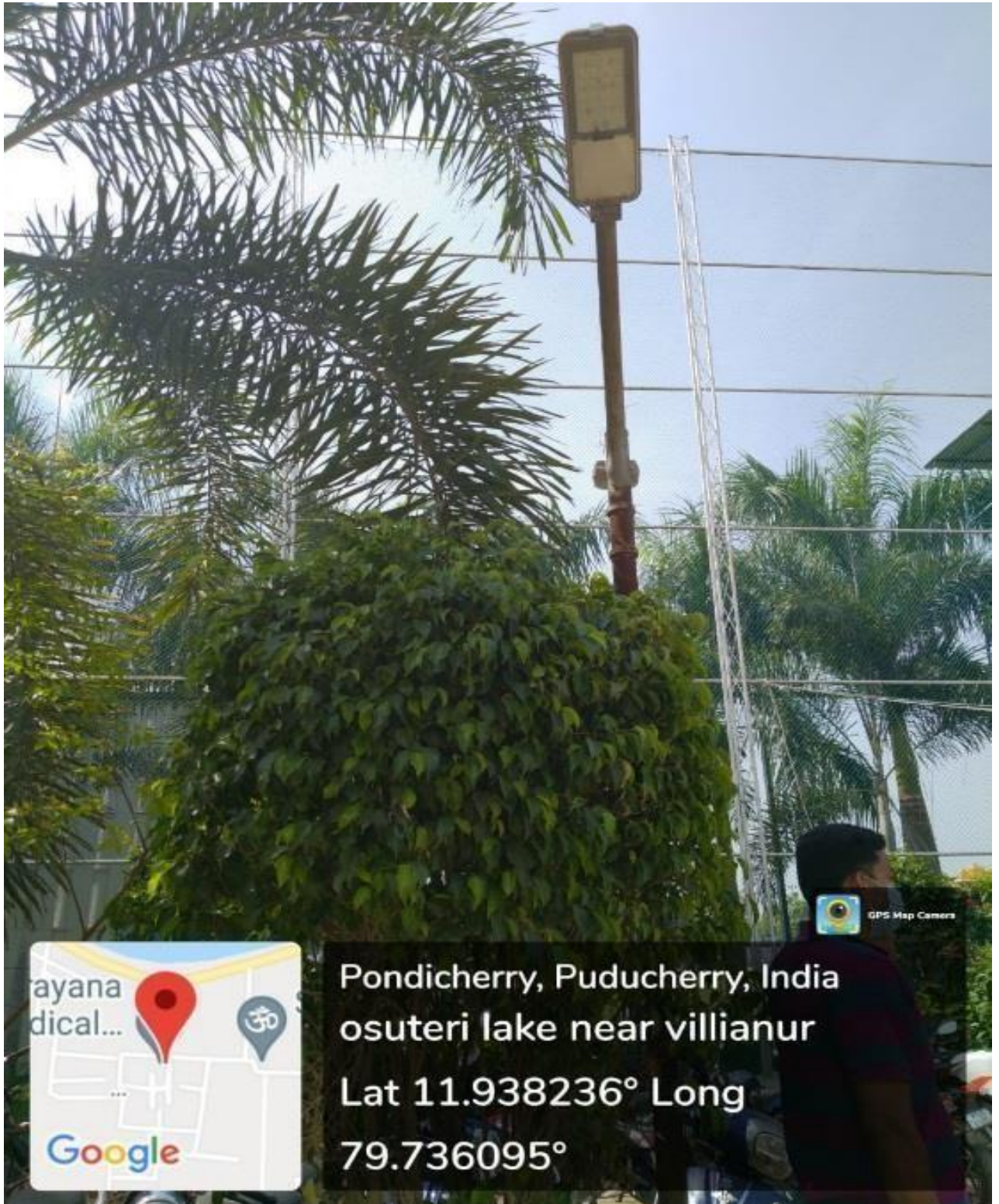
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Chennai, Tamil Nadu 600126, India  
Latitude **12.895273°** Longitude **80.143072°**  
LOCAL 16:10:38 THURSDAY 07.15.2021  
GMT 10:40:38 ALTITUDE 33 METER



33b, Sakthi Ayyanar St, Tiruvanchery, Selaiyur, Chennai, Tamil Nadu 600126, India  
Latitude **12.895504°** Longitude **80.142144°**  
LOCAL 16:10:13 GMT 10:40:13 THURSDAY 07.15.2021 ALTITUDE 33 METER



**Energy Conservation Automatic Solar Street Lamps @ SLIMS-  
Sri Lakshmi Narayana Institute of Medical Sciences**



Pondicherry, Puducherry, India  
osuteri lake near villianur  
Lat 11.938236° Long  
79.736095°



**Power Efficient & Sensor Based Solar Street Lamps @  
SLIMS Campus**

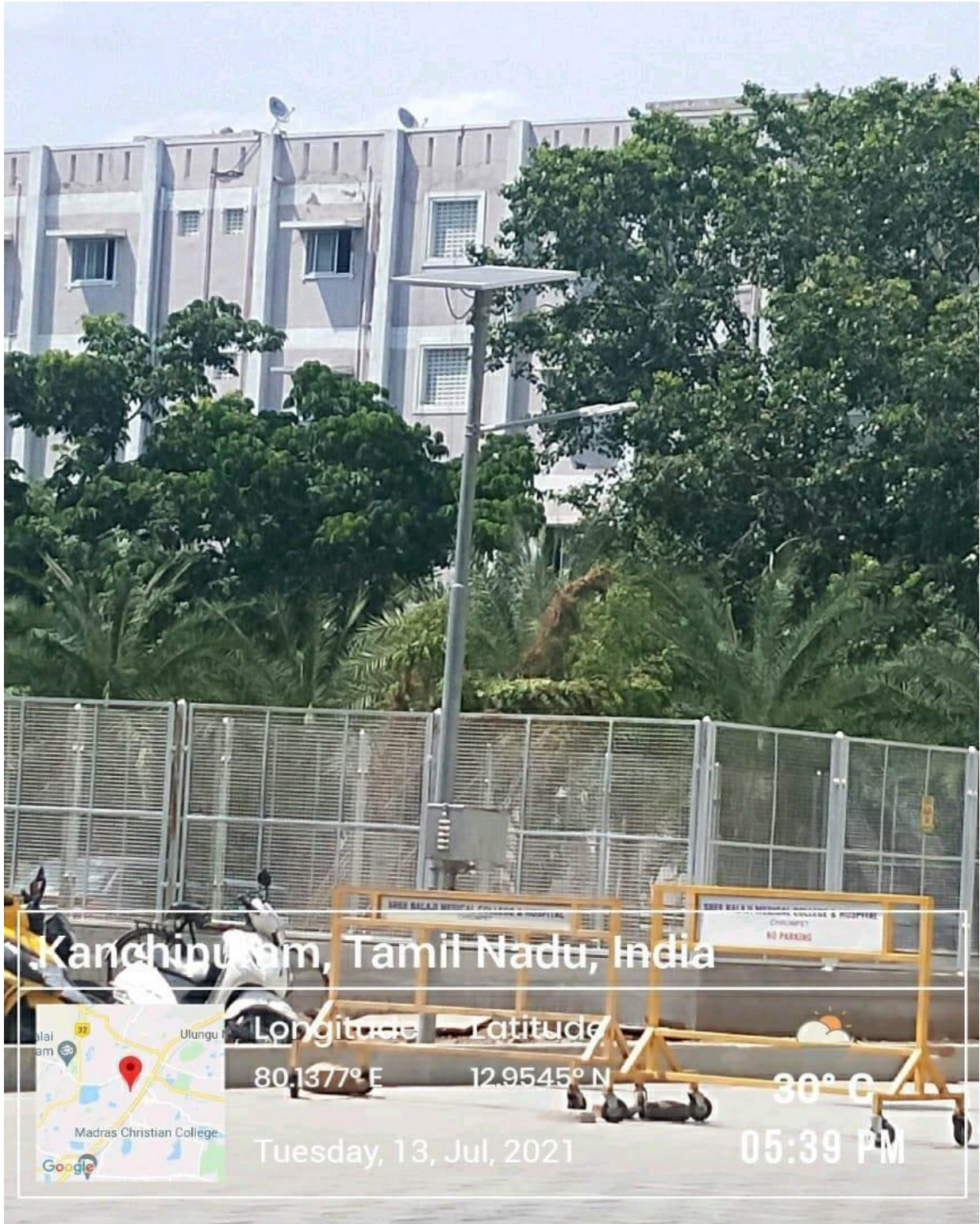






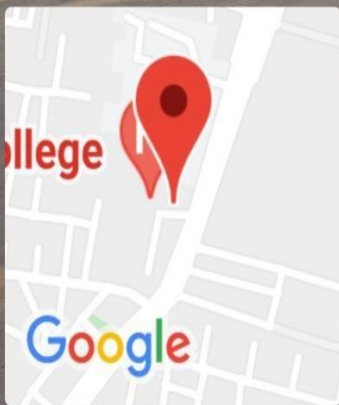
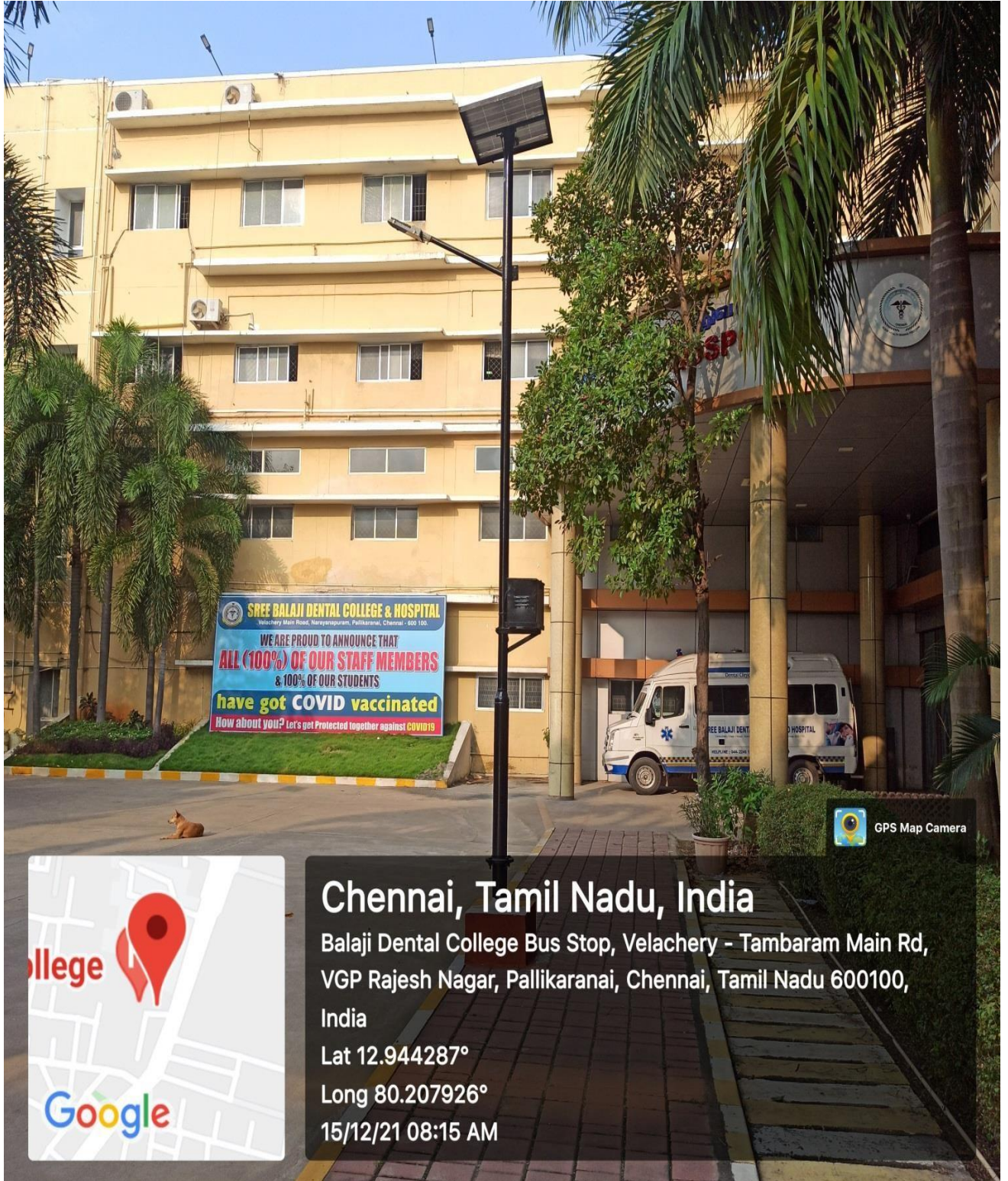


**Power Efficient Solar Campus Lamps & Sensor Based @Sree  
Balaji Medical College & Hospital-SBMCH**





**Energy Conservation Automatic Solar Street Lamps @ Sree  
Balaji Dental College & Hospital-SBDCH**



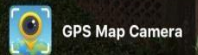
**Chennai, Tamil Nadu, India**

Balaji Dental College Bus Stop, Velachery - Tambaram Main Rd,  
VGP Rajesh Nagar, Pallikaranai, Chennai, Tamil Nadu 600100,  
India

Lat 12.944287°

Long 80.207926°

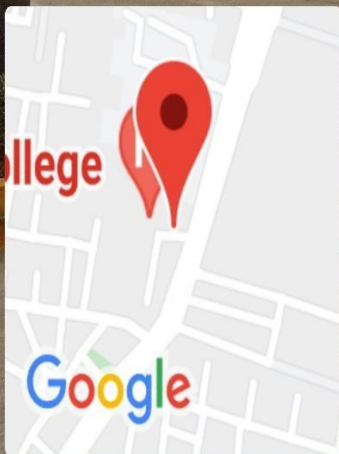
15/12/21 08:15 AM







GPS Map Camera



## Chennai, Tamil Nadu, India

Balaji Dental College Bus Stop, Velachery - Tambaram Main Rd,  
VGP Rajesh Nagar, Pallikaranai, Chennai, Tamil Nadu 600100,  
India


Lat 12.94424°

Long 80.207937°

15/12/21 08:16 AM





 GPS Map Camera



**Chennai, Tamil Nadu, India**

**MAIN BLOCK, BALAJI DENTAL COLLEGE, VGP Rajesh  
Nagar, Pallikaranai, Chennai, Tamil Nadu 600129, India**

**Lat 12.944203°**

**Long 80.207746°**

**15/12/21 08:17 AM**



**Solar Energy-Solar Panels @ BIHER Bharath Institute of Higher Education & Research**



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

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Long 80.140326°

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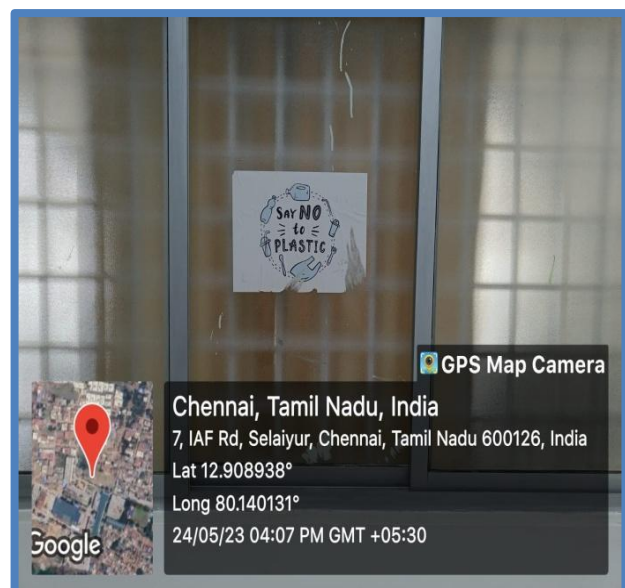
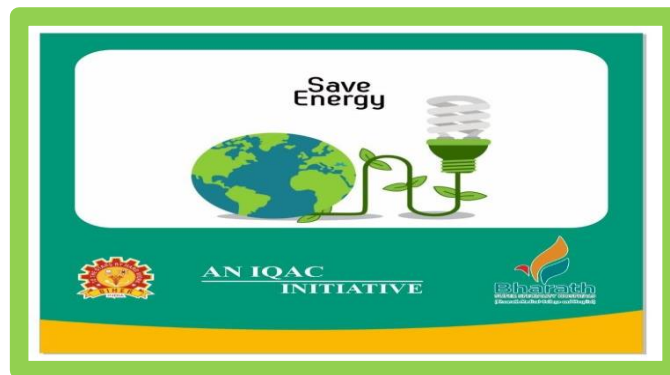


## Solar Energy @ Bhaarith medical college and hospital

### Automated water level controllers



### Sign Boards on Save Energy and Save Water Displayed in the Campus



## Solar Energy @Sree Balaji College of Nursing

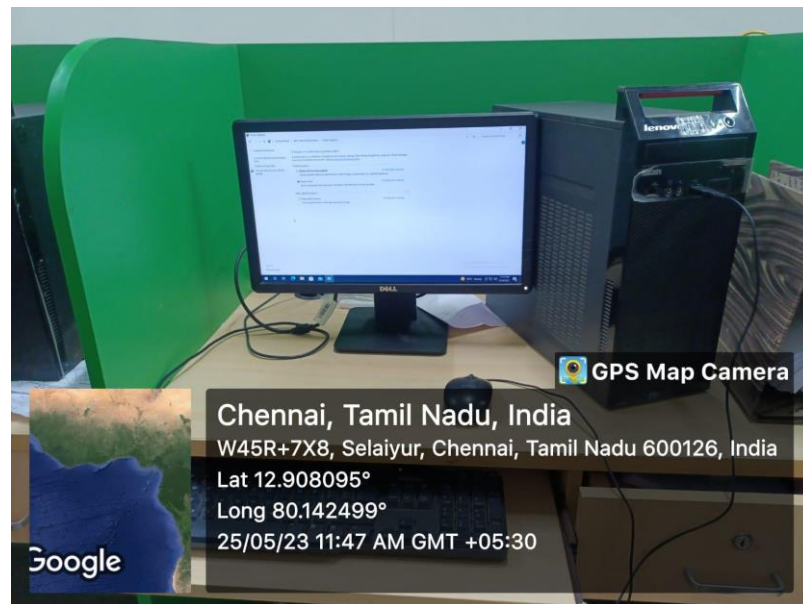


## BATTERY OPERATED VEHICLES



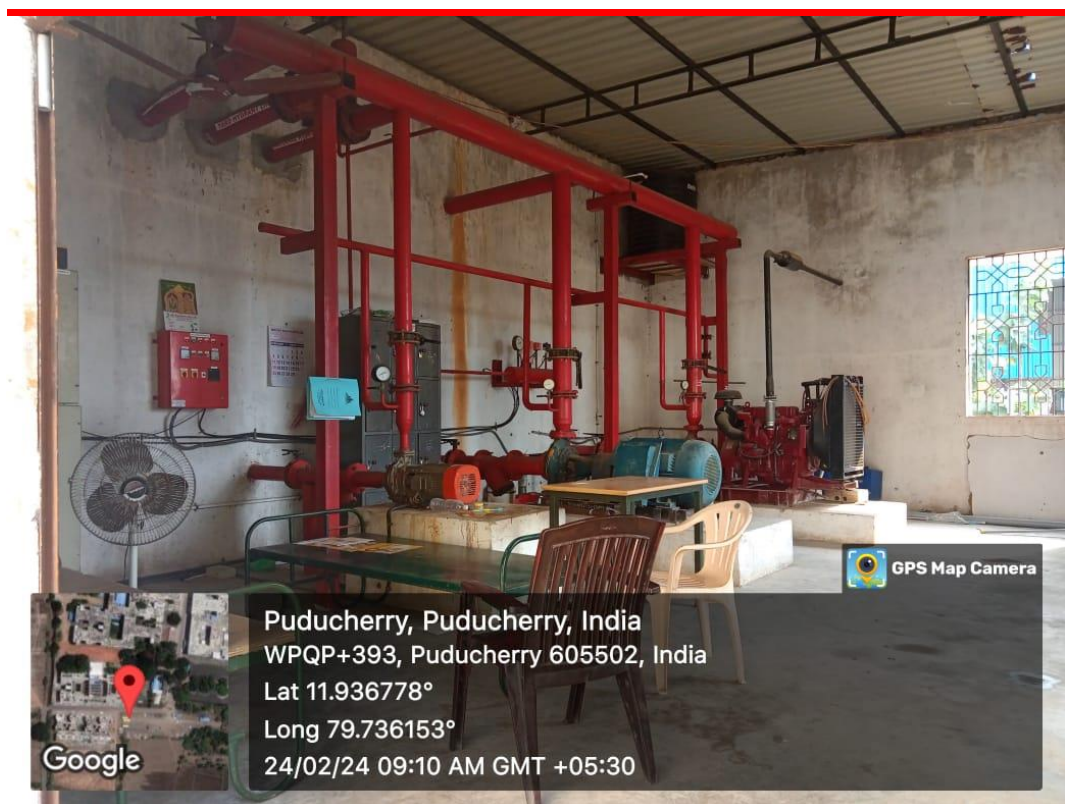


## POWER SAVING MODE OPERATION OF COMPUTERS



## 2.BIOGAS PLANT

### Sri Lakshmi Narayana Institute of Medical Sciences-SLIMS









Puducherry, Puducherry, India  
WPQP+393, Puducherry 605502, India  
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Long 79.736107°  
24/02/24 09:06 AM GMT +05:30

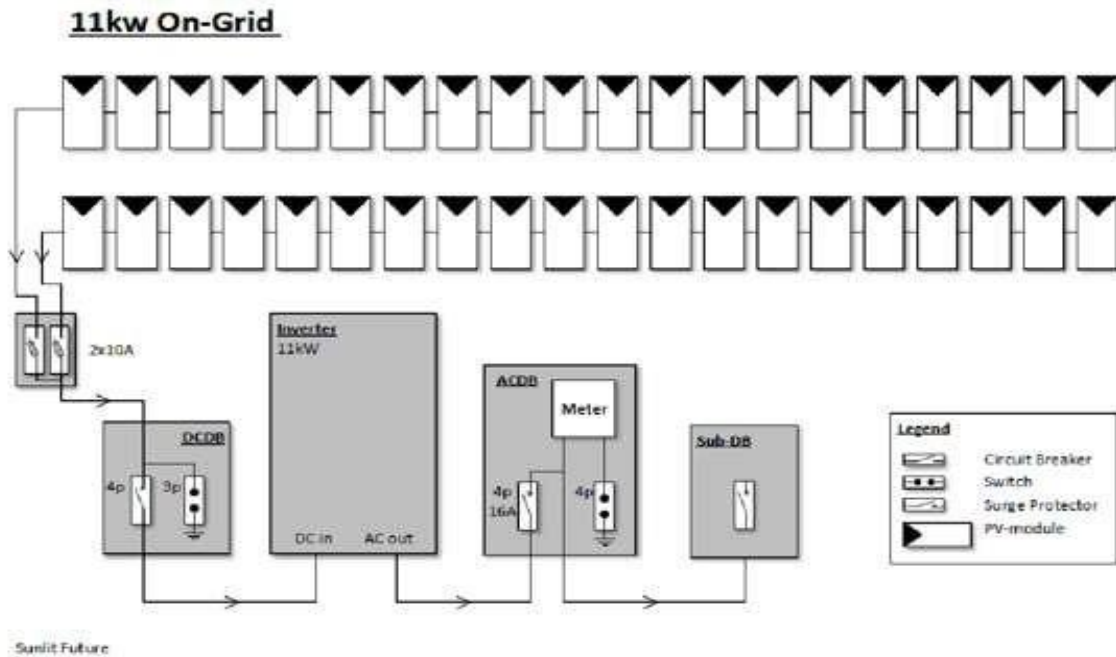


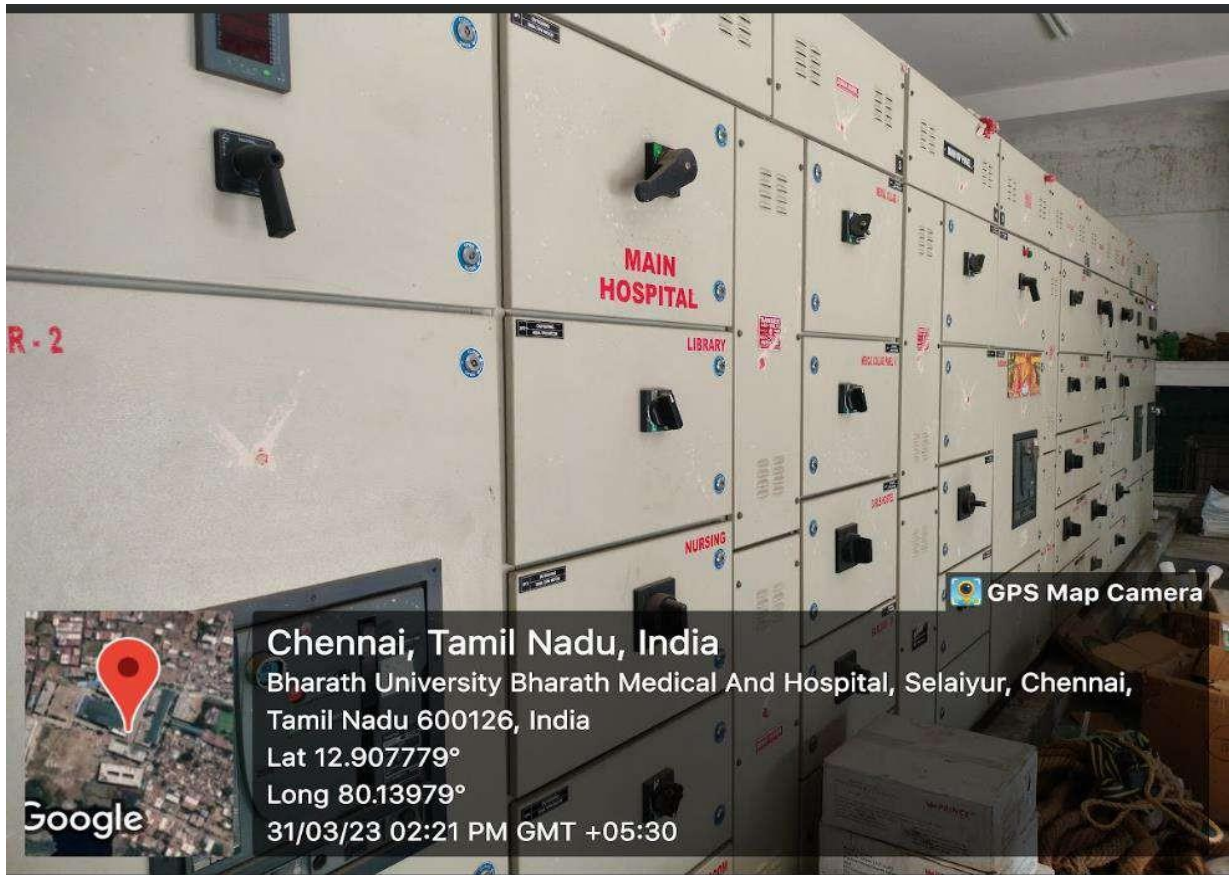
Puducherry, Puducherry, India  
WPQP+393, Puducherry 605502, India  
Lat 11.936626°  
Long 79.735793°  
24/02/24 09:08 AM GMT +05:30



# 3. WHEELING THE GRID

## Electrical Panel Room





**Wheeling to the Grid -**  
**Geo-tagged photographs of Wheeling to the Grid @ Bharath Institute of**  
**Higher Education & Research**







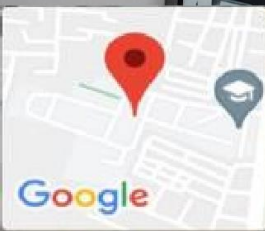
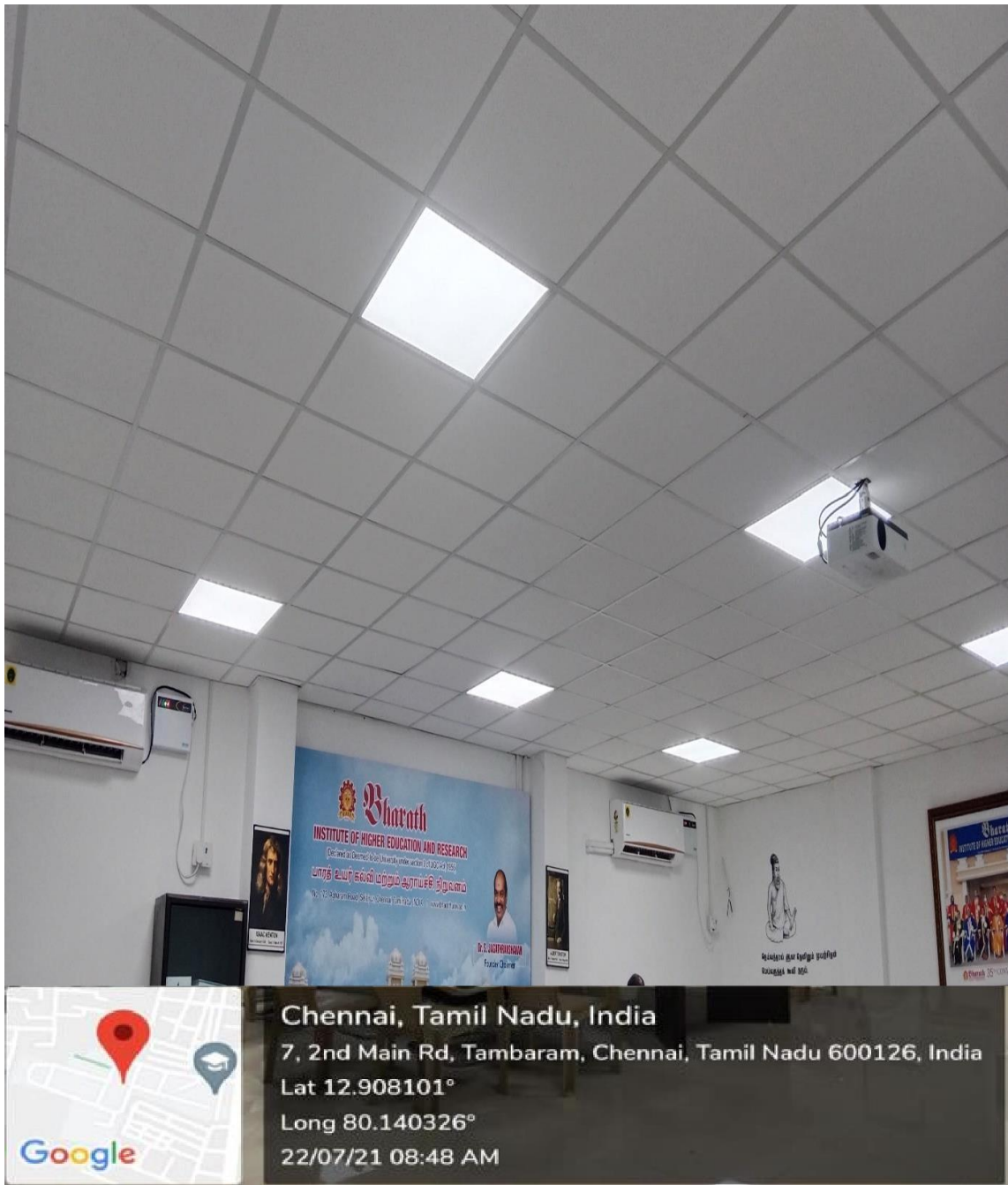
**4.Sensor-Based Energy Conservation**  
**&Power Efficient Equipment**

**Sensor-Based Energy Conservation & Power**  
**Efficient Equipment**

**Smart Sensor Based Projectors & 5-star ACs &**  
**LEDsEnergy Efficient Equipment**

**@ Pro Vice-Chancellor Academics Office BIHER**





Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

22/07/21 08:48 AM

**Smart Sensor based Energy-Efficient 5-star ACs & LEDs**



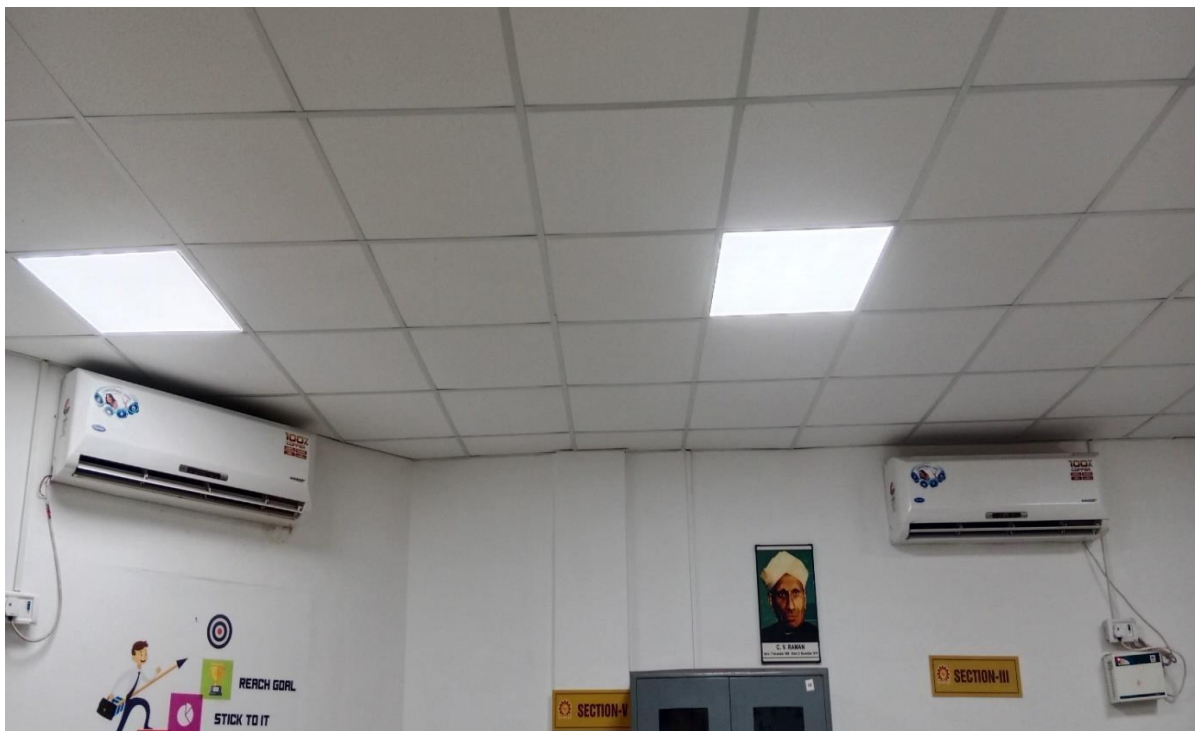
**@ Placement Office – BIHER**



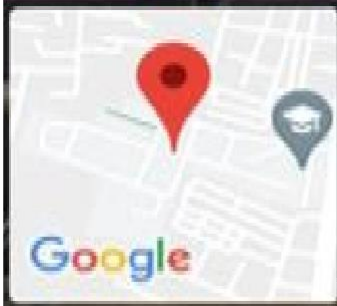


Chennai, Tamil Nadu, India  
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126,  
India  
Lat 12.908101°  
Long 80.140326°  
23/07/21 03:23 PM

**@ IOAC Office BIHER**




**Automatic Energy Efficient Room Freshener with LED Sensor & Moisture Sensor @ BIHER**



Chennai, Tamil Nadu, India  
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126,  
India  
Lat 12.908101°  
Long 80.140326°  
23/07/21 03:23 PM





 **Bharath**  
**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
*(Deemed to be University under section 3 of UGC Act, 1956)*  
**DEPARTMENT OF TRAINING & PLACEMENT**

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Mr. B. SENTHIL KUMAR	Placement Officer	(7806946080)
Mr. S. SURESH	Asst.Placement Officer	(9962053500)
Mr. BHARATH KUMAR	Training Manager	(9940215006)
Mr. V. SATHEESH KUMAR	Placement Coordinator	(8015142565)
Mr. VASANTH IYAPPAN	System Coordinator	(9940142027)



**Chennai, Tamil Nadu, India**  
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126,  
India  
Lat 12.908101°  
Long 80.140326°  
23/07/21 03:23 PM

**A Passive Infrared Sensor - PIR Motion Sensor Based Smart Security Cameras to Detect Movement and Day & Night Capture**

**@ BIHER Entrance & Entire Campus**



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

22/07/21 08:48 AM



## Sensor Based Smart Security Cameras @ BIST



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

22/07/21 08:48 AM

# Security Camera Capture @ Entire BIHER Campus



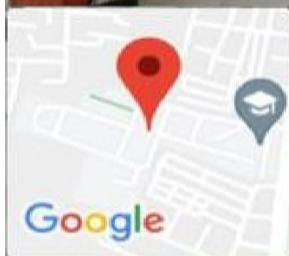


**A Passive Infrared Sensor - PIR Motion Sensor Based Smart Security Cameras to Detect Movement and Day & Night capture @ Entire BIHER Campus & Virtual Monitoring cum Security Tracking System**



**Physiological & Behavioural Smart Biometrics - Face Recognition, Fingerprint, Hand Geometry, Iris Recognition**

**@ Pro Vice-Chancellor Academics Office –BIHER**



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

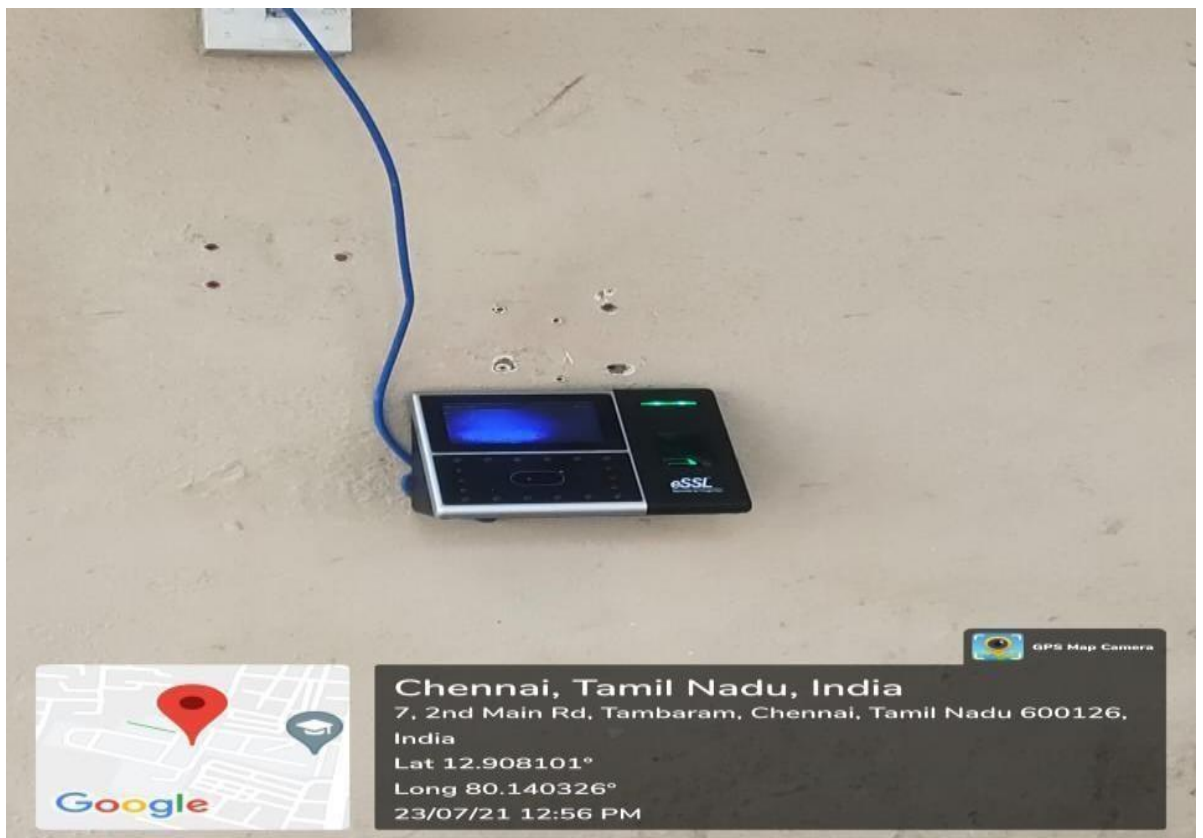
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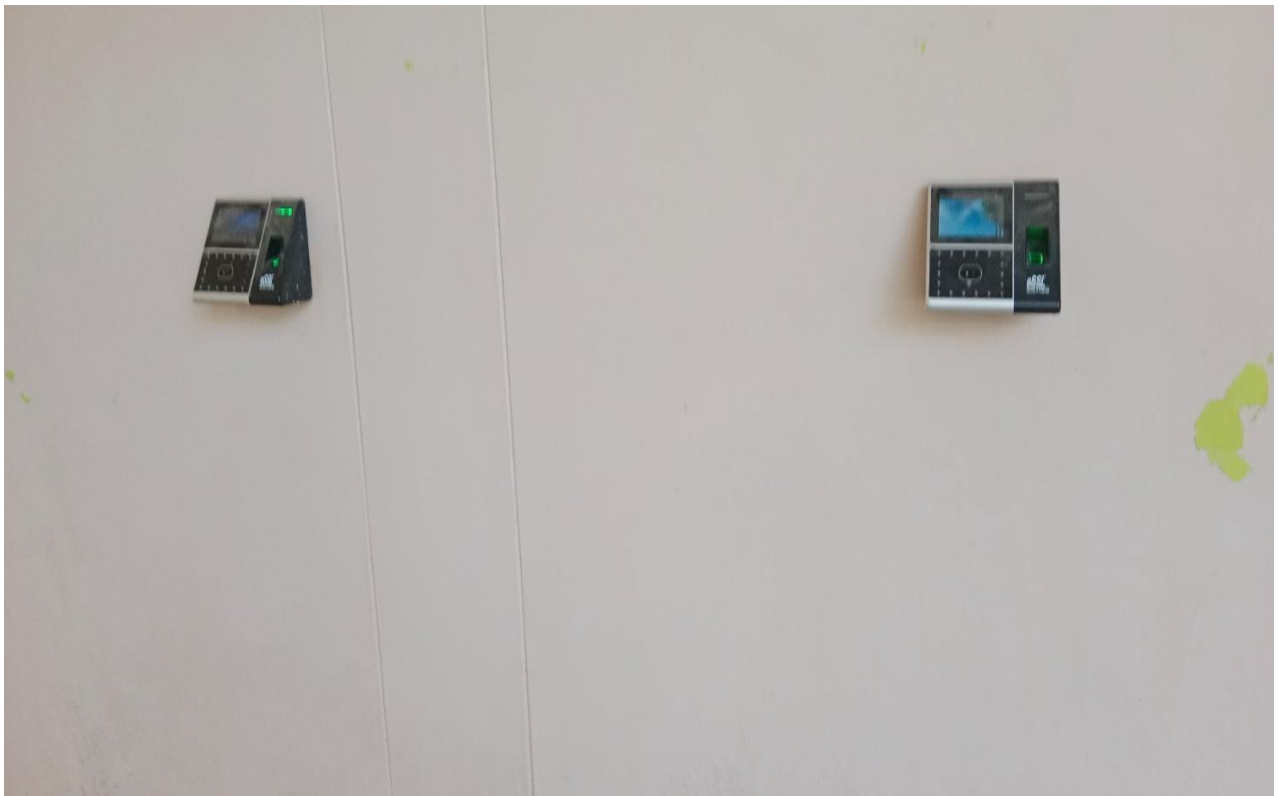
# Sensor Based-Energy Efficient Physiological & Behavioural Smart Biometrics @ BIHER Entrance



**Sensor Based-Energy Efficient Physiological & Behavioural Smart Biometrics @ BIHER Office**

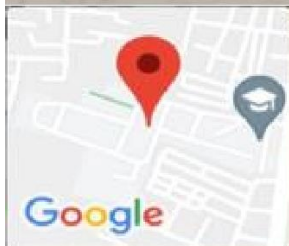


**Sensor Based Physiological & Behavioural SmartBiometrics @ BIHER Finance Office**





**Multi-function all in one Priter cum Scanner [IR AVD DX 6755]**  
**An Infrared-IR Sensor Based ON when Touch & OFF when Not**  
**in Use @ Bharath Institute of Higher Education & Research**  
**Office**



Chennai, Tamil Nadu, India

7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

22/07/21 08:48 AM

# Multi-function all in one Priter cum Scanner [IR AVD DX 6755]

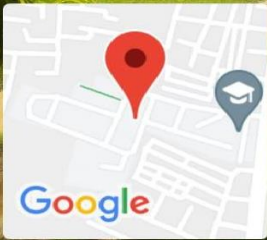
An Infrared-IR Sensor Based ON when Touch & OFF when Not in Use @ Pro Vice-Chancellor Academics Office -BIHER



Chennai, Tamil Nadu, India  
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India  
Lat 12.908101°  
Long 80.140326°  
22/07/21 08:48 AM



**Moiture Sensor Based Watering the Garden by Recycling water @BIHER**



Chennai, Tamil Nadu, India  
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India  
Lat 12.908101°  
Long 80.140326°  
24/07/21 12:32 PM

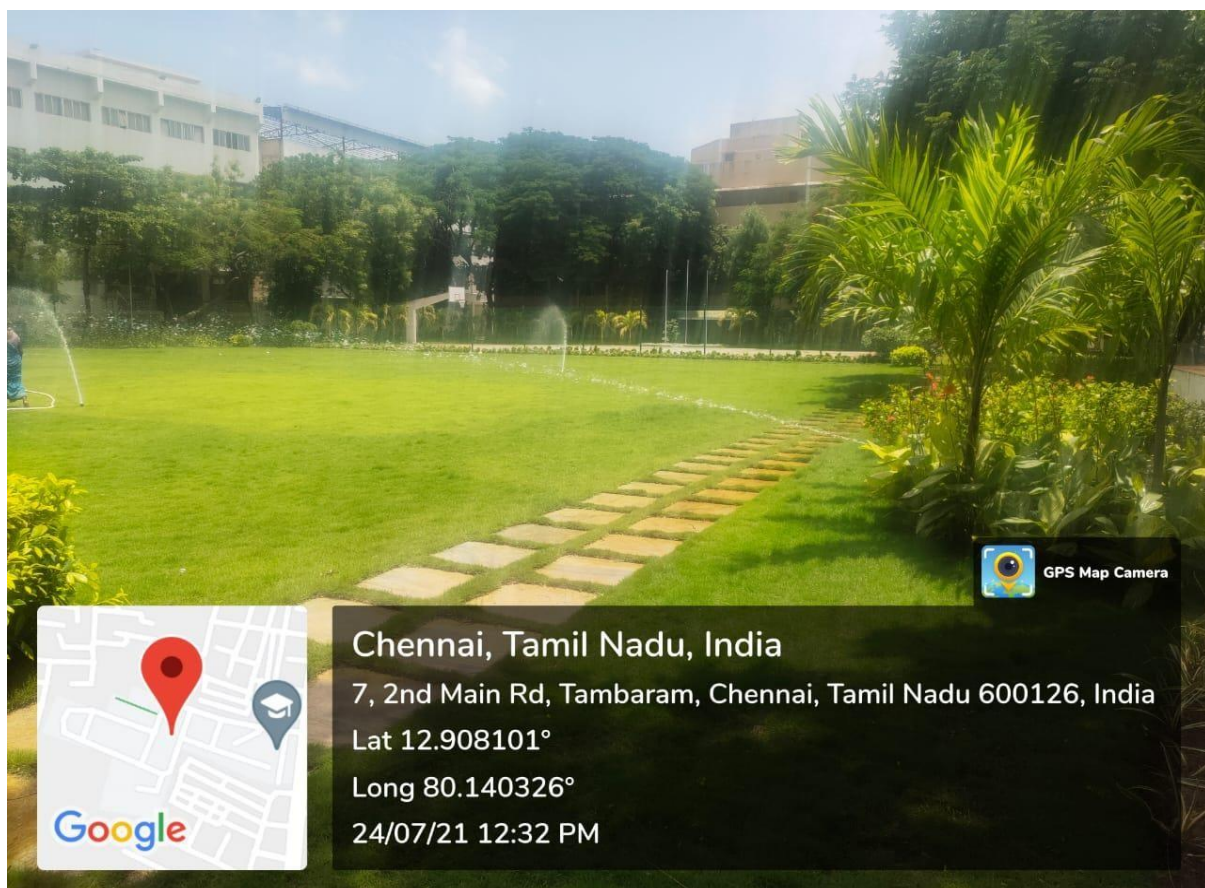




**Moiture Sensor Based Watering the Garden by Recycling water @SLIMS**



**Moiture Sensor Based Watering the Garden by Recycling water @BIST**





**Water Level Sensor based Auto Filling Water Tanks @ SCHOOL OF ARTS AND SCIENCE**



**Water Level Sensor based Auto Filling Water Tanks @ BIST**



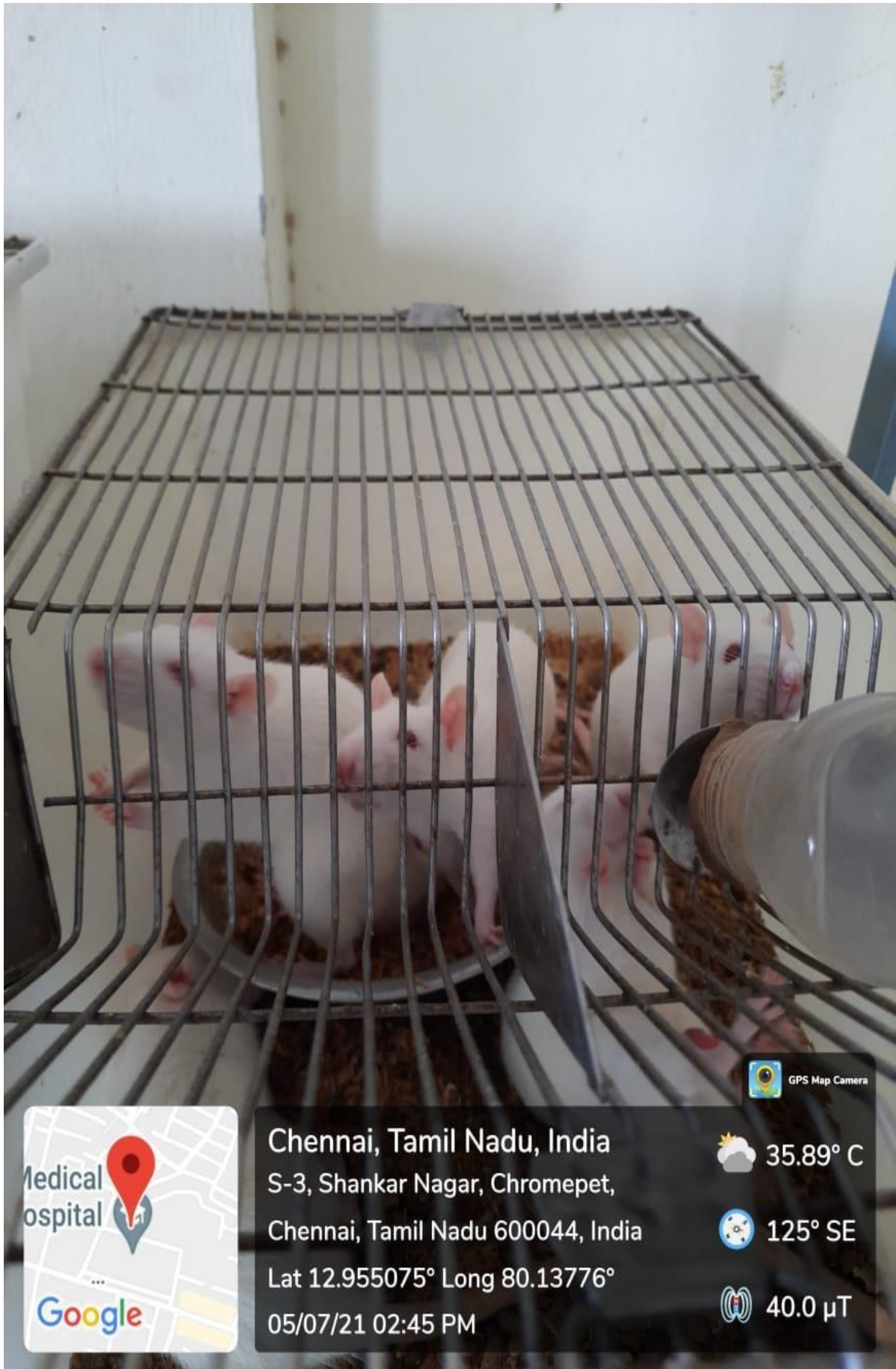
## Water Level Sensor based Auto Filling Water Tanks @ SLIMS



## Medical College Animal House Automatic Feeding Sensor@ Animal House & Research LAB



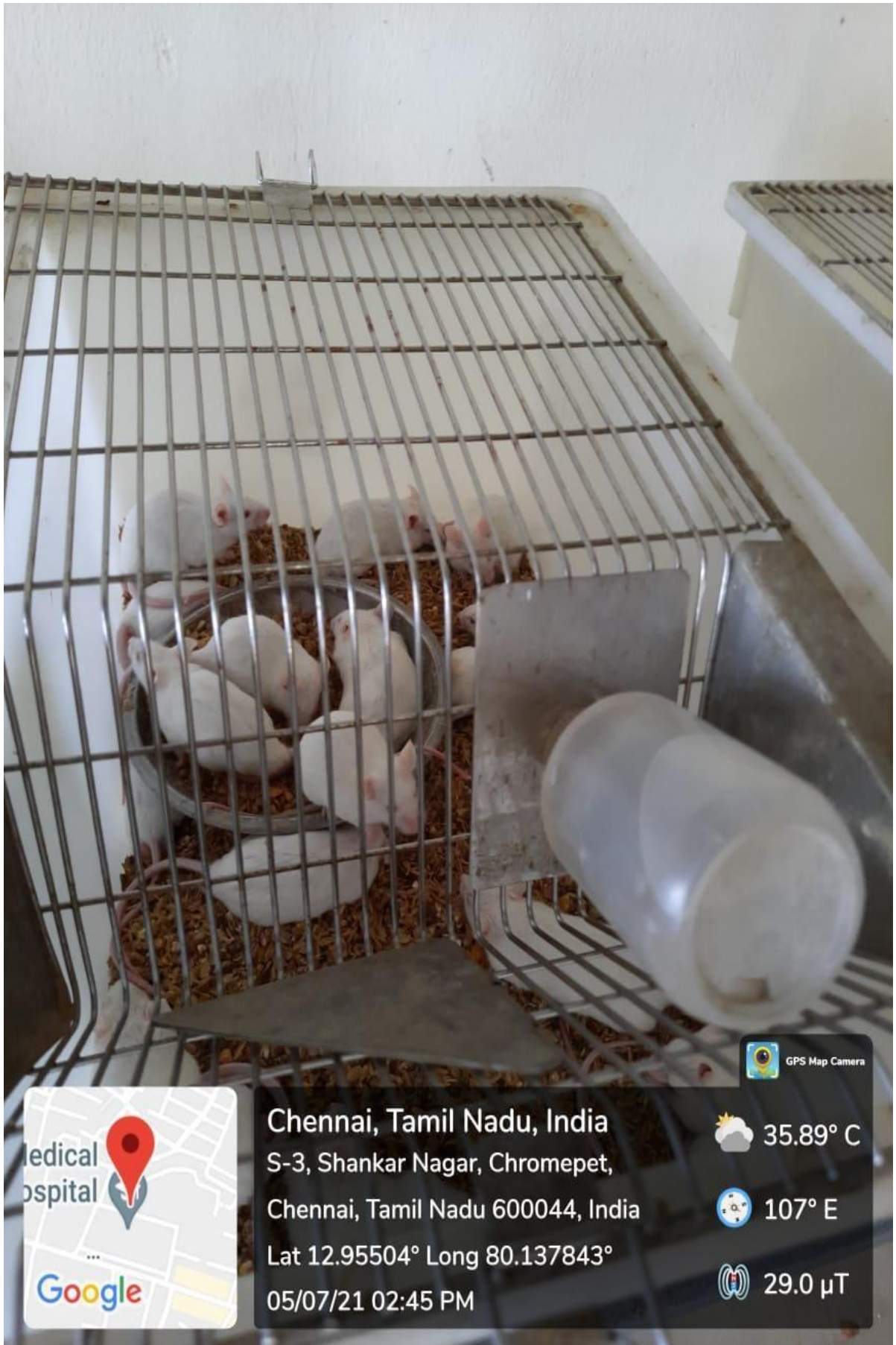




Chennai, Tamil Nadu, India  
S-3, Shankar Nagar, Chromepet,  
Chennai, Tamil Nadu 600044, India  
Lat 12.955075° Long 80.13776°  
05/07/21 02:45 PM



35.89° C  
125° SE  
40.0  $\mu$ T



Chennai, Tamil Nadu, India  
S-3, Shankar Nagar, Chromepet,  
Chennai, Tamil Nadu 600044, India  
Lat 12.95504° Long 80.137843°  
05/07/21 02:45 PM



☀️ 35.89° C

🌐 107° E

📶 29.0  $\mu$ T



**Using IoT Sensors to Monitor & Caring Animal House@  
School of Medicine**



Chennai, Tamil Nadu, India

S-3, Shankar Nagar, Chromepet, Chennai, Tamil

Nadu 600044, India

Lat 12.955075° Long 80.137788°

05/07/21 02:44 PM



GPS Map Camera



35.89° C

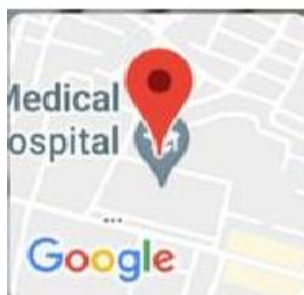


359° N




26.0 μT


**School of Medicine - Central Instrumentation Centre**  
**Pathology, Cytology, Hematology, Histology, Botany, Zoology,**  
**Forensics and Pharmacology Research Sensor Based Energy**  
**Saving Equipment Using IoT Sensors to Monitor Preclinical**  
**Research Facilities**



Chennai, Tamil Nadu, India  
S-3, Shankar Nagar, Chromepet,  
Chennai, Tamil Nadu 600044, India  
Lat 12.955075° Long 80.13776°  
05/07/21 02:45 PM

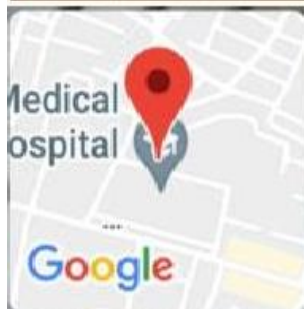
 35.89° C

 125° SE

 40.0  $\mu$ T




## Using IoT Sensors to Monitor Preclinical Research Facilities



Chennai, Tamil Nadu, India  
S-3, Shankar Nagar, Chromepet,  
Chennai, Tamil Nadu 600044, India  
Lat 12.955075° Long 80.13776°  
05/07/21 02:45 PM

 35.89° C

 125° SE

 40.0  $\mu$ T

**Pathology, Cytology, Hematology, Histology, Botany,  
Zoology, Forensics and Pharmacology Research SensorBased  
Energy Saving Microscope @ SBMCH**





**Power Efficient & Sensor Based Automatic SolarStreet  
Lamps @ SLIMS Campus  
Sri Lakshmi Narayana Institute of Medical Sciences**

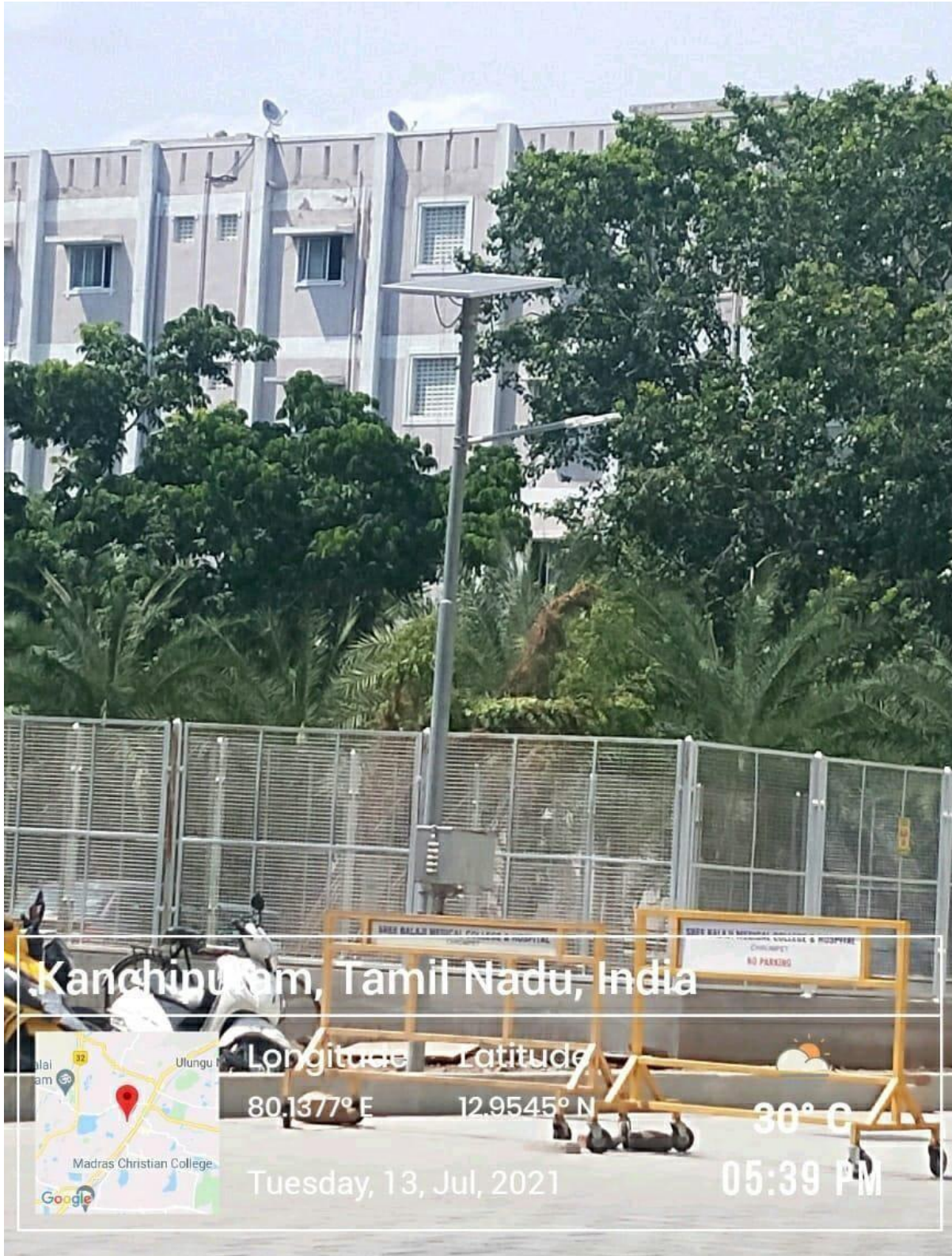








**Power Efficient Solar Street Lamps & Sensor Based @  
SBMCH Campus Sree Balaji Medical College & Hospital**



Kanchipuram, Tamil Nadu, India



Longitude Latitude

80.1377° E 12.9545° N

30° C

Tuesday, 13, Jul, 2021

05:39 PM



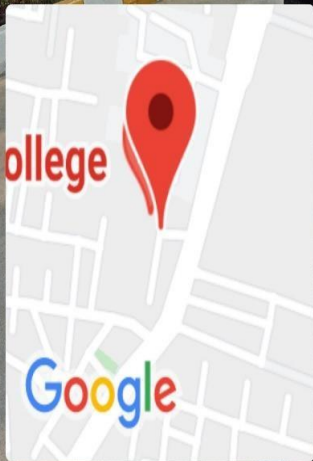
**Power Efficient Solar Street Lamps & Sensor Based**  
**@SBDCH Campus Sree Balaji Dental College & Hospital**







GPS Map Camera



**Chennai, Tamil Nadu, India**

**MAIN BLOCK, BALAJI DENTAL COLLEGE, VGP Rajesh  
Nagar, Pallikaranai, Chennai, Tamil Nadu 600129, India**

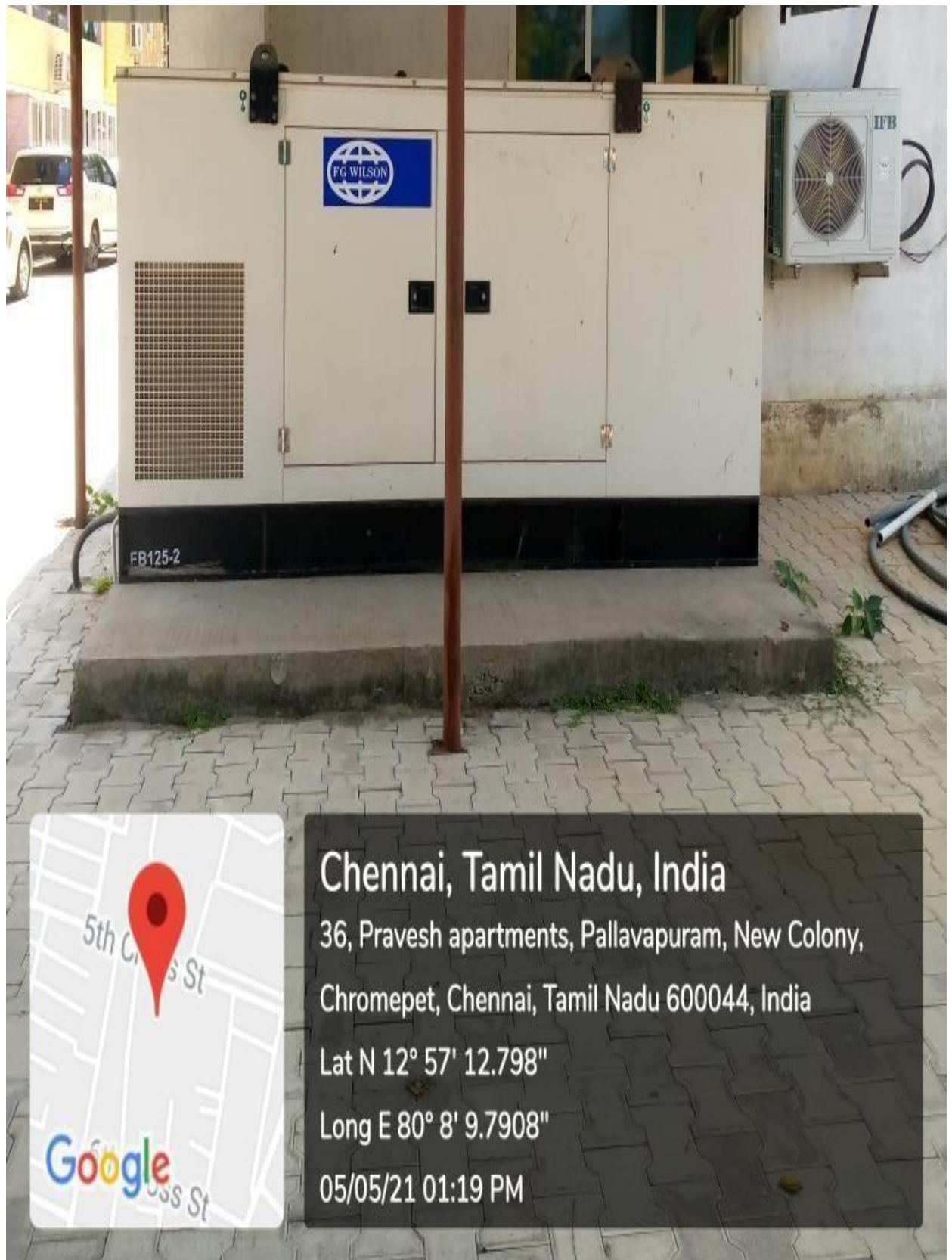
**Lat 12.944203°**

**Long 80.207746°**

**15/12/21 08:17 AM**



## Energy Conservation-Generators @ School of Pharmacy Generator



Chennai, Tamil Nadu, India

36, Pravesh apartments, Pallavapuram, New Colony,

Chromepet, Chennai, Tamil Nadu 600044, India

Lat N 12° 57' 12.798"

Long E 80° 8' 9.7908"

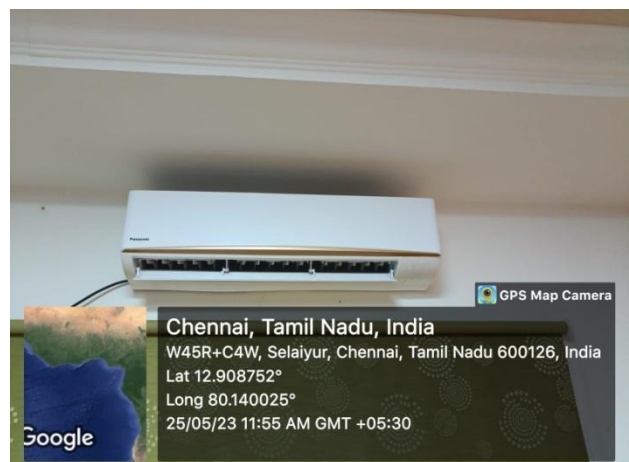
05/05/21 01:19 PM



**Automatic Sensor based Panel Boards & Generators@  
Bharath Institute of Science & Technology-BIST**



**Purchasing 5 Star Rated Energy Saving Equipments @Bhaarath Medical  
College And Hospital**

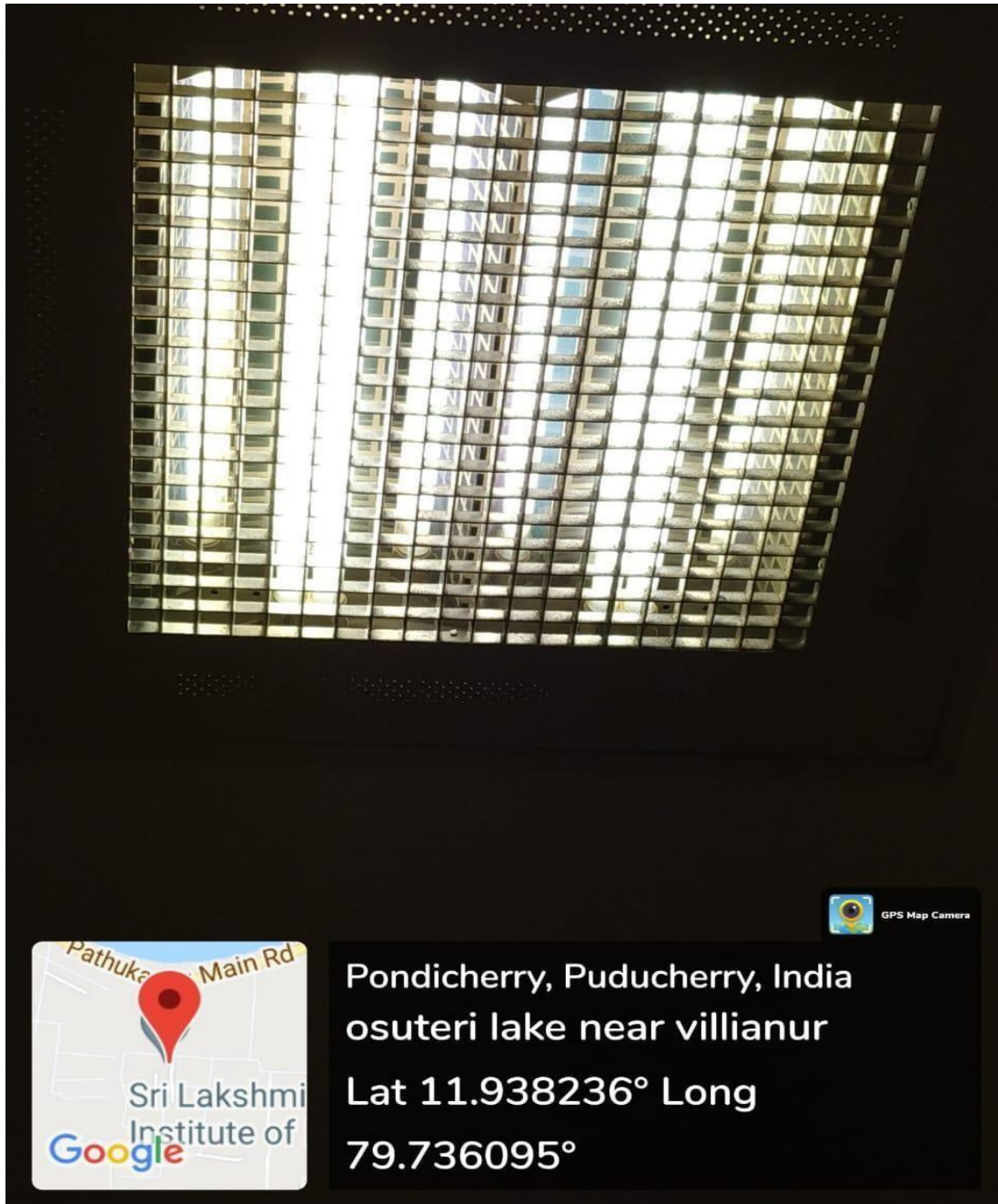


## **5. Use of LED Bulbs/Power Efficient Equipment**

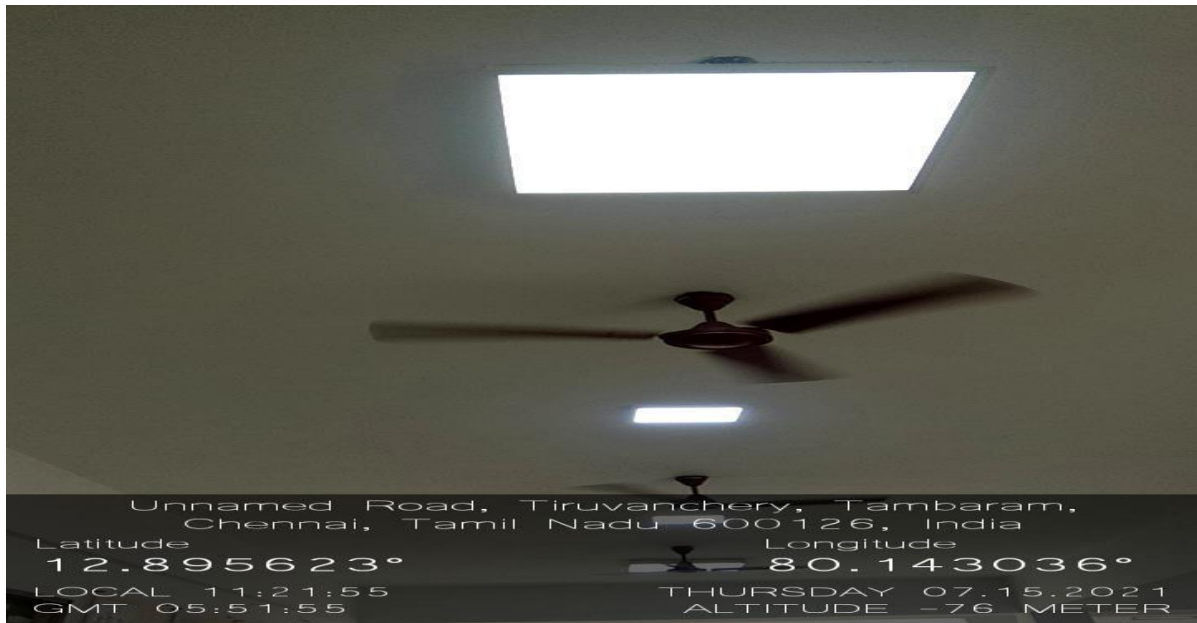
- ✓ **Smart Sensor based Projector**
- ✓ **Smart Sensor based Energy-Efficient 5-star ACs**
- ✓ **Automatic Energy Efficient Room Freshener with LED Sensor & Moisture Sensor**
- ✓ **A Passive Infrared Sensor - PIR Motion Sensor Based Smart Security Cameras to Detect Movement and Day & Night Capture**
- ✓ **Physiological & Behavioural Smart Biometrics - Face Recognition, Fingerprint, Hand Geometry, Iris Recognition**
- ✓ **Multi-function all in one Printer cum Scanner [IR AVD DX 6755] - An Infrared-IR Sensor Based ON when Touch & OFF when Not in Use**
- ✓ **Moisture Sensor Based Watering the Garden by Recycling water**
- ✓ **Water Level Sensor based Auto Filling Water Tanks**
- ✓ **Using IoT Sensors to Monitor Preclinical Research Facilities**
- ✓ **Medical College Animal House Automatic Feeding Sensor**
- ✓ **Energy Conservation Automatic Solar Street Lamps @ Campus**
- ✓ **Energy Conservation Generators**
- ✓ **Automatic Sensor based Panel Boards**
- ✓ **LED Lights @ Campus**



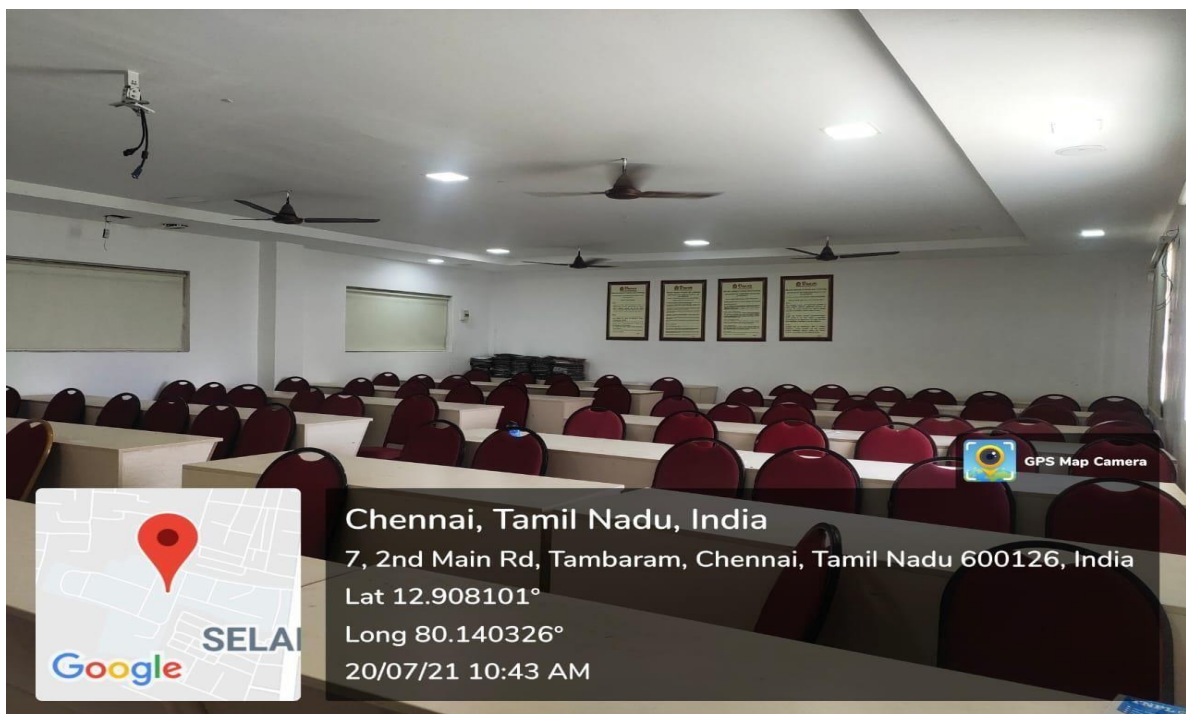
**5. Use of LED Bulbs / Power Efficient Equipment Ceiling LED Strip Lamps @ SLIMS**



**SCHOOL OF ARTS and SCIENCE - Energy SavingLEDs**  
**Strip Lights in all Class Rooms**

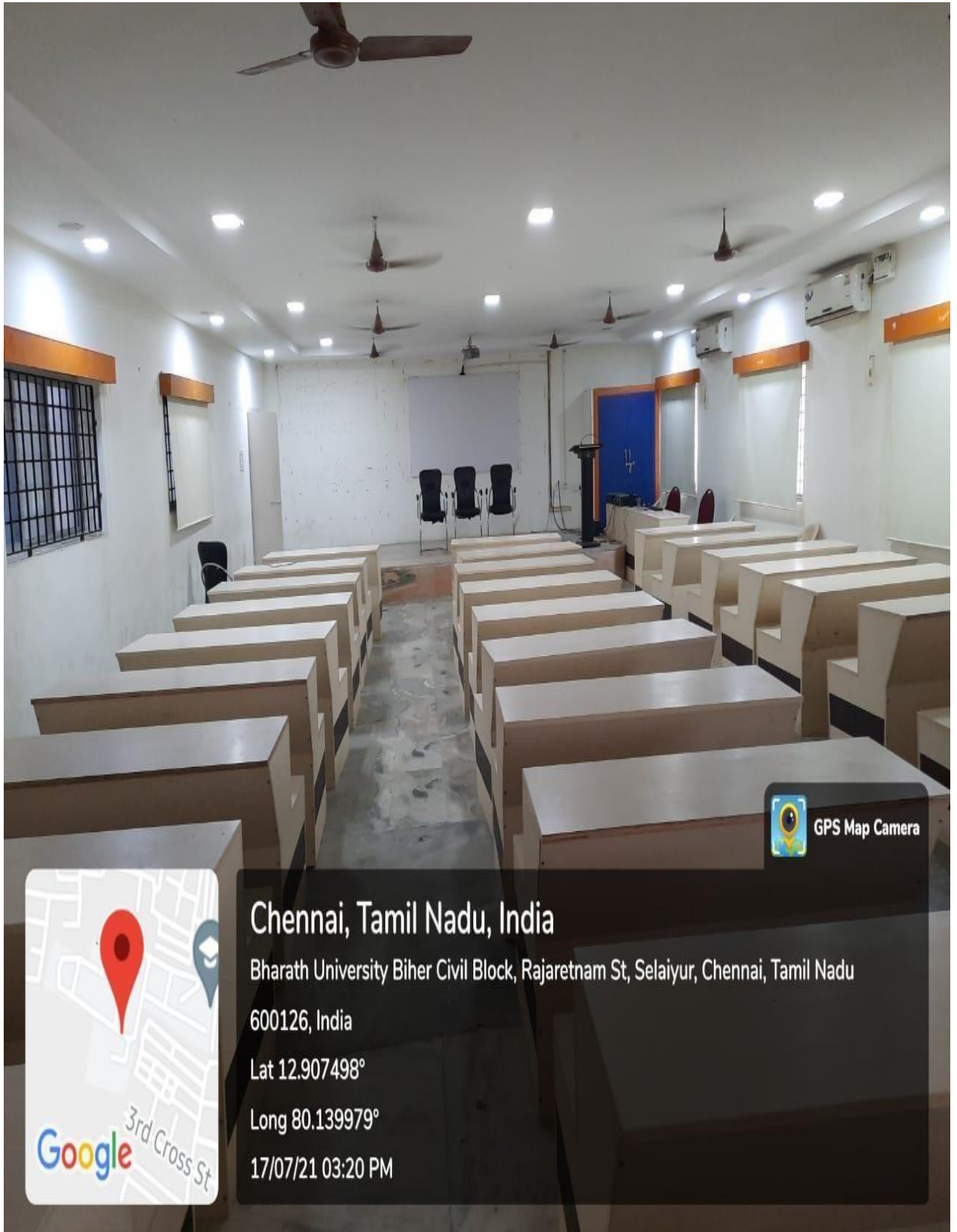


**Bharath Institute of Science & Technology- Energy SavingLEDs**  
**in ECE Smart Rooms**





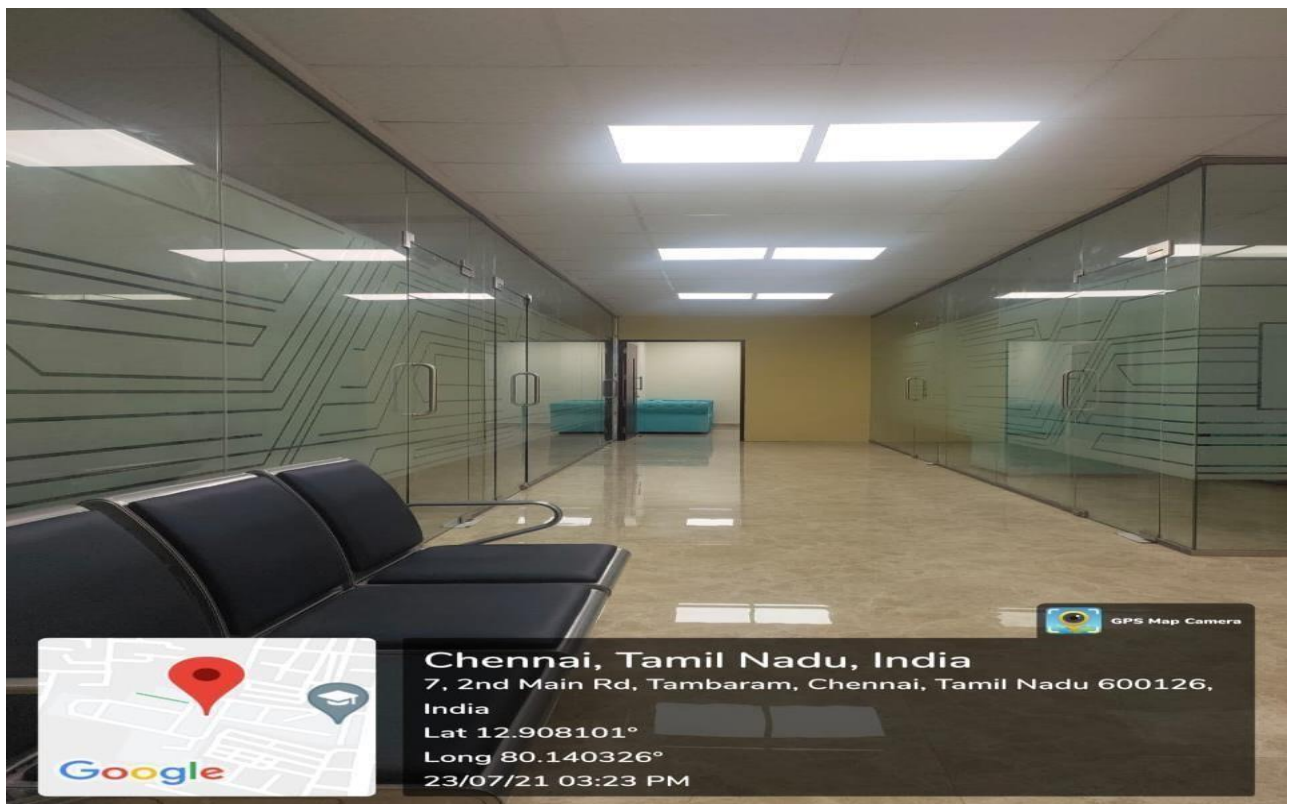
## Energy Saving LEDs in Civil Smart Rooms @ BIST



## SMART ROOM @ BIST- IN CAD LABORATORY -LEDs

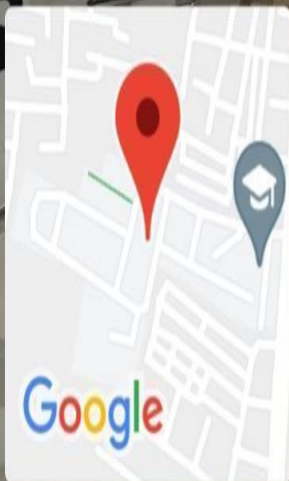
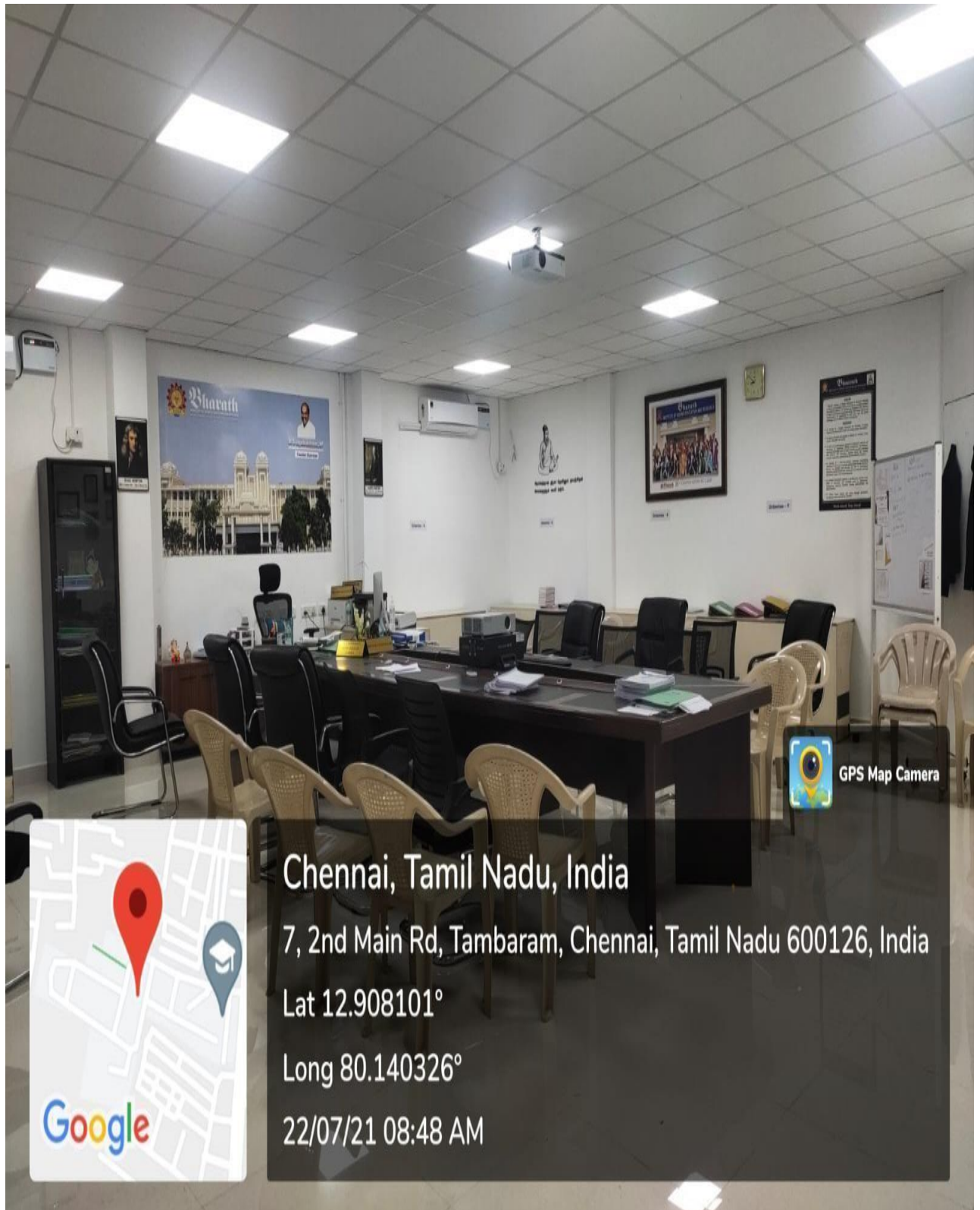


## SMART ROOMS @ BIST- In Placement Cell – Energy Efficient LEDs





## BIHER-Pro Vice-Chancellor Academics Office Conference Hall LED Strip Ceiling Lights



Chennai, Tamil Nadu, India

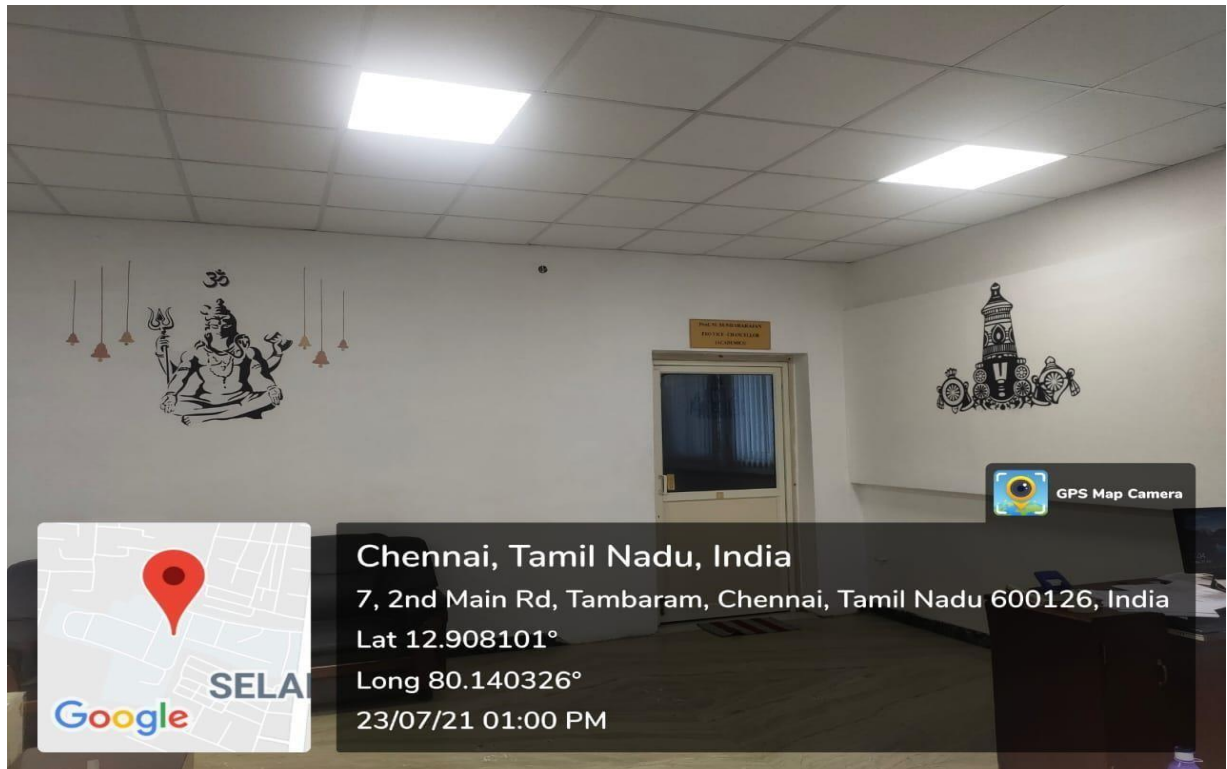
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

22/07/21 08:48 AM

**BIST-PRO VICE-CHANCELLOR Academics Office Visitors Hall [LED Lamps]**



**SMART ROOM @ BIST- IN Mechanical LABORATORY -LEDs**





## School Of Computing -LAB Photos

### BIST- Bharath Institute of Science & Technology

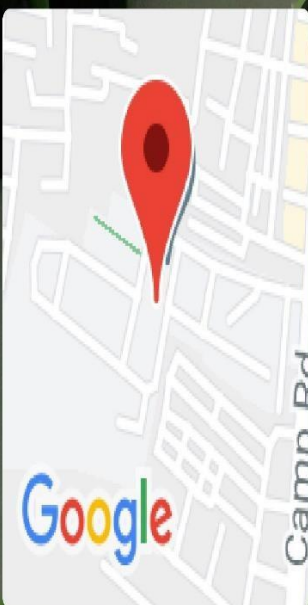




C# AND .NET  
LABORATORY



GPS Map Camera



**Chennai, Tamil Nadu, India**

**Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India**

**Lat 12.908087°**

**Long 80.1403°**

**23/12/21 03:07 PM**

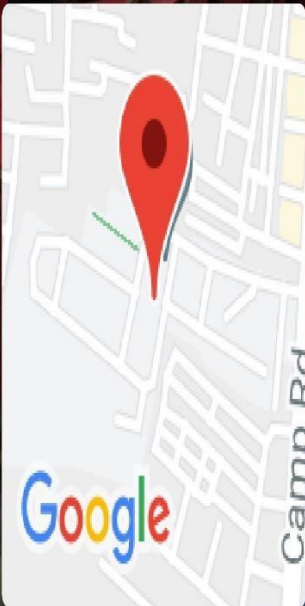




NETWORK PROGRAMMING LABORATORY  
IN ASSOCIATION WITH  
**Hexaware**  
TECHNOLOGIES



GPS Map Camera



**Chennai, Tamil Nadu, India**

**Bharath University Canteen, Selaiyur, Chennai, Tamil**

**Nadu 600126, India**

**Lat 12.908087°**

**Long 80.1403°**

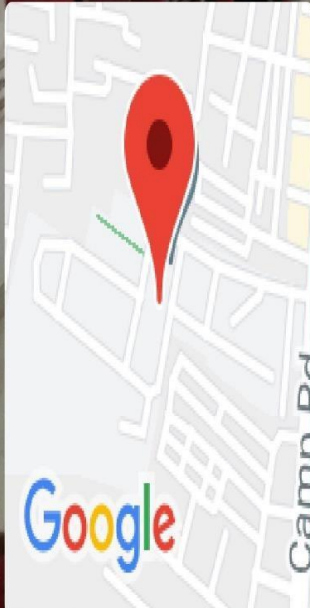
**23/12/21 03:07 PM**



SOFTWARE ENGINEERING LABORATORY  
IN ASSOCIATION WITH  
**IIT**



GPS Map Camera



**Chennai, Tamil Nadu, India**

**Bharath University Canteen, Selaiyur, Chennai, Tamil Nadu 600126, India**

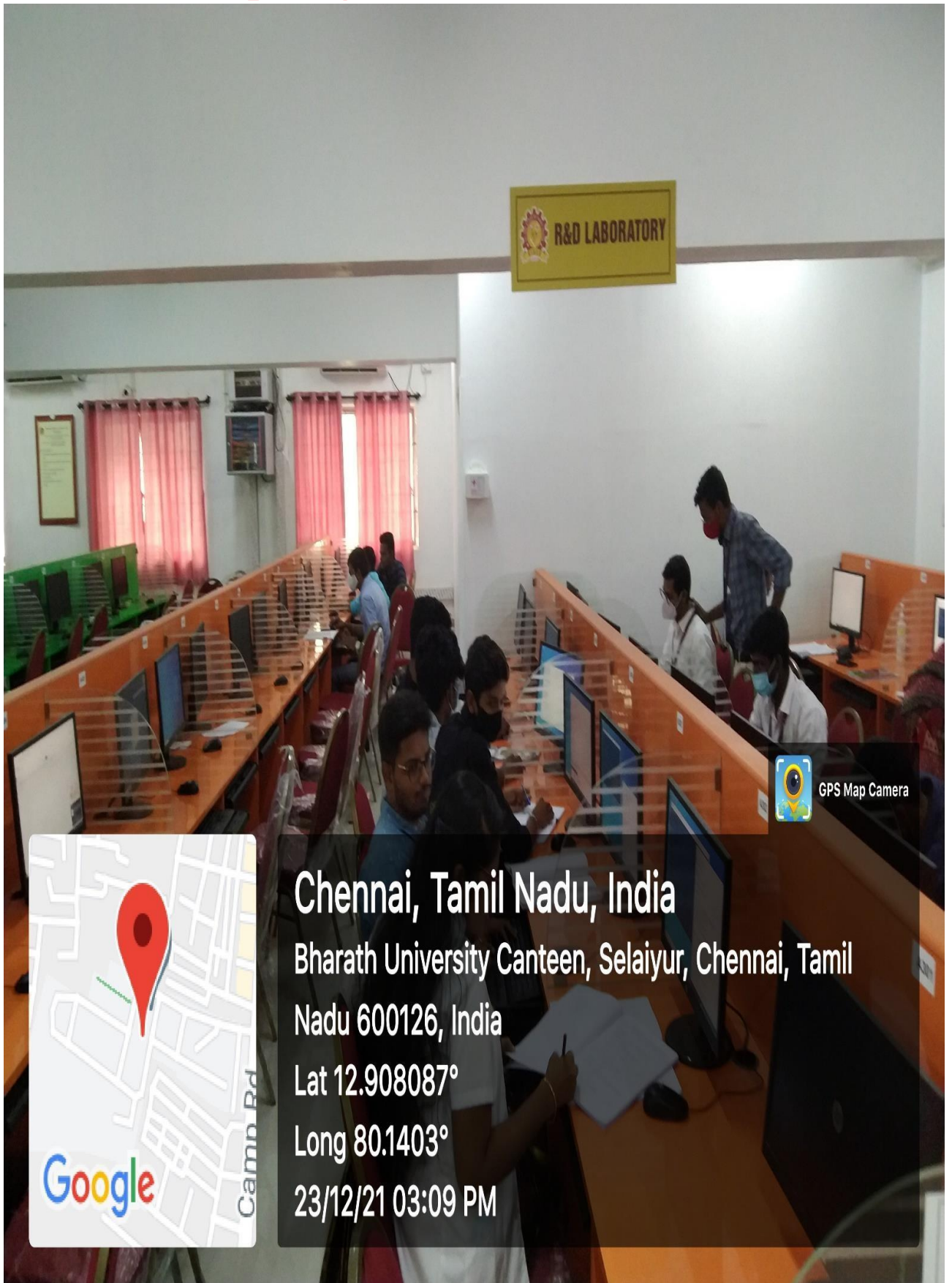
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**Long 80.1403°**

**23/12/21 03:08 PM**



## School of Computing LAB Photos

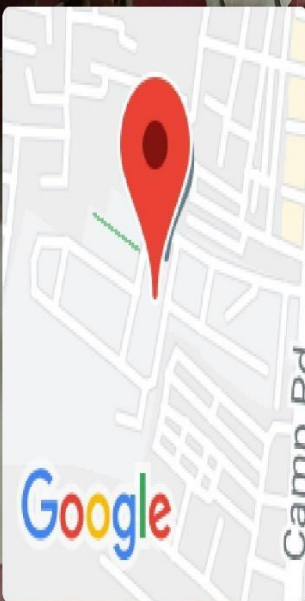




DATA STRUCTURES & ALGORITHM  
LABORATORY



GPS Map Camera



Chennai, Tamil Nadu, India

Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India

Lat 12.908087°

Long 80.1403°

23/12/21 03:09 PM

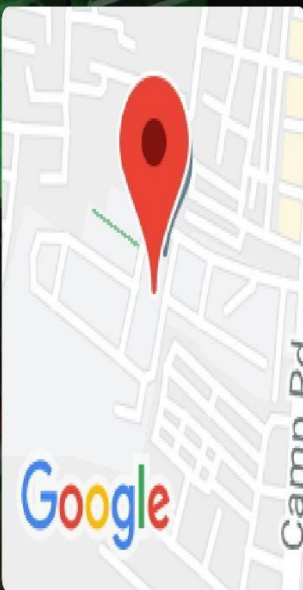




**OBJECT ORIENTED  
PROGRAMMING LAB**



GPS Map Camera



**Chennai, Tamil Nadu, India**

**Bharath University Canteen, Selaiyur, Chennai, Tamil**

**Nadu 600126, India**

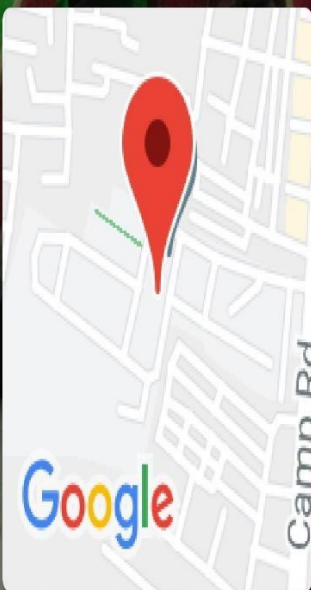
**Lat 12.908087°**

**Long 80.1403°**

**23/12/21 03:09 PM**



DATABASE MANAGEMENT SYSTEM LABORATORY  
IN ASSOCIATION WITH  
**AMTEX**



**Chennai, Tamil Nadu, India**

**Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India**

**Lat 12.908087°**

**Long 80.1403°**


**23/12/21 03:09 PM**




GPS Map Camera



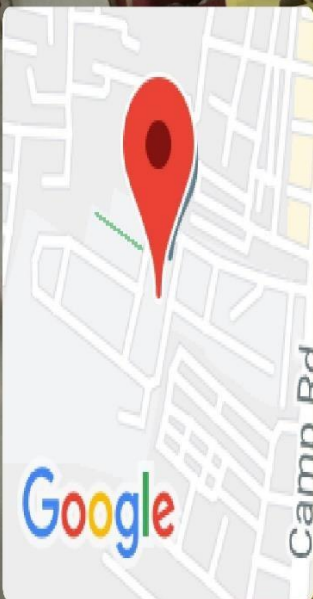


OPERATING SYSTEM LABORATORY  
IN ASSOCIATION WITH  
 Brightstar

  
Bharath University  
Canteen  
Selaiyur  
Chennai  
Tamil Nadu  
600126  
India



GPS Map Camera



Chennai, Tamil Nadu, India

Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India

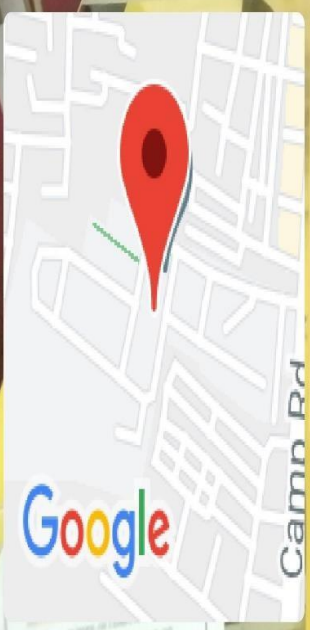
Lat 12.908087°

Long 80.1403°

23/12/21 03:09 PM

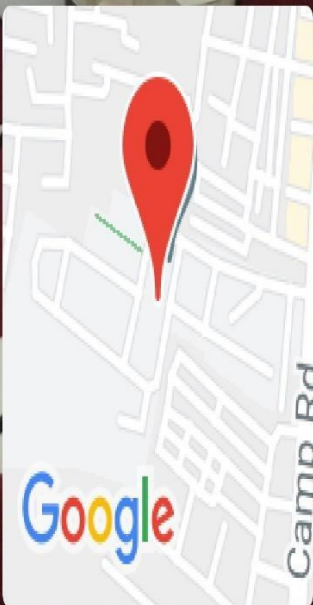


DESIGN AND ANALYSIS OF  
ALGORITHM LABORATORY



**Chennai, Tamil Nadu, India**  
Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India  
Lat 12.908087°  
Long 80.1403°  
23/12/21 03:09 PM





**Chennai, Tamil Nadu, India**

**Bharath University Canteen, Selaiyur, Chennai, Tamil**

**Nadu 600126, India**

**Lat 12.908087°**

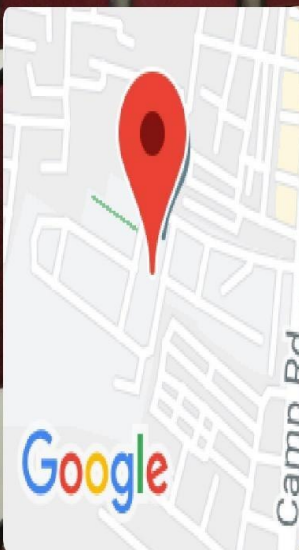
**Long 80.1403°**

**23/12/21 03:57 PM**

## Smart Room & Seminar Hall



GPS Map Camera



Chennai, Tamil Nadu, India

Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India

Lat 12.908087°

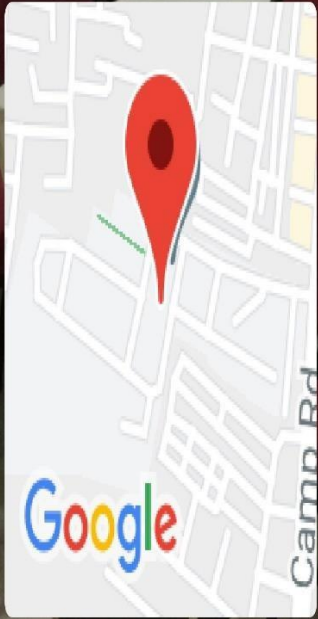
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23/12/21 03:57 PM





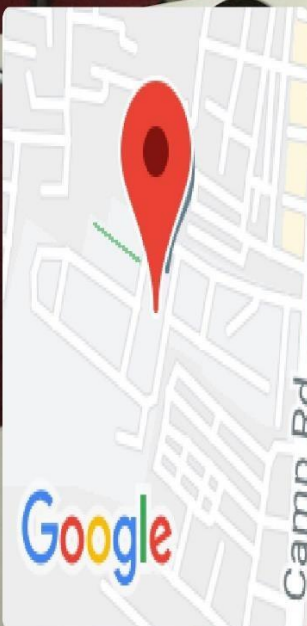
 GPS Map Camera



**Chennai, Tamil Nadu, India**  
Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India  
Lat 12.908087°  
Long 80.1403°  
23/12/21 03:57 PM



GPS Map Camera



**Chennai, Tamil Nadu, India**

**Bharath University Canteen, Selaiyur, Chennai, Tamil  
Nadu 600126, India**

**Lat 12.908087°**

**Long 80.1403°**

**23/12/21 03:57 PM**

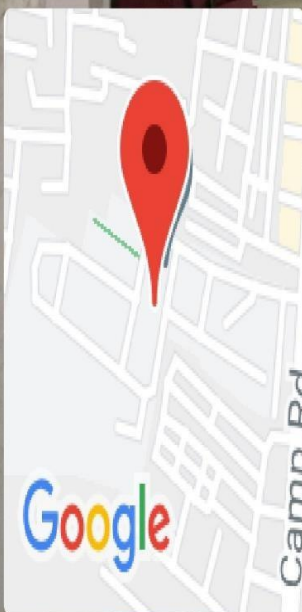




SA 206 - SMART ROOM



GPS Map Camera



Chennai, Tamil Nadu, India

Bharath University Canteen, Selaiyur, Chennai, Tamil Nadu 600126, India

Lat 12.908087°

Long 80.1403°

23/12/21 03:58 PM

## Moot Court - School of LAW -BIHER





## Moot Court - School of LAW BIHER



**Moot Court - School of LAW -Library**













**School of Medicine –Bharath Institute of Higher  
Education & Research**  
**Museum Animal House & Research LAB**  
**LED Photos**





**SREE BALAJI COLLEGE OF NURSING**

**3.1.5 PHOTOS OF RESEARCH LAB/STATISTICAL DATABASE**



# School of Medicine - Central Instrumentation Centre

## Sree Balaji College Of Nursing Research Lab / Statistical Database



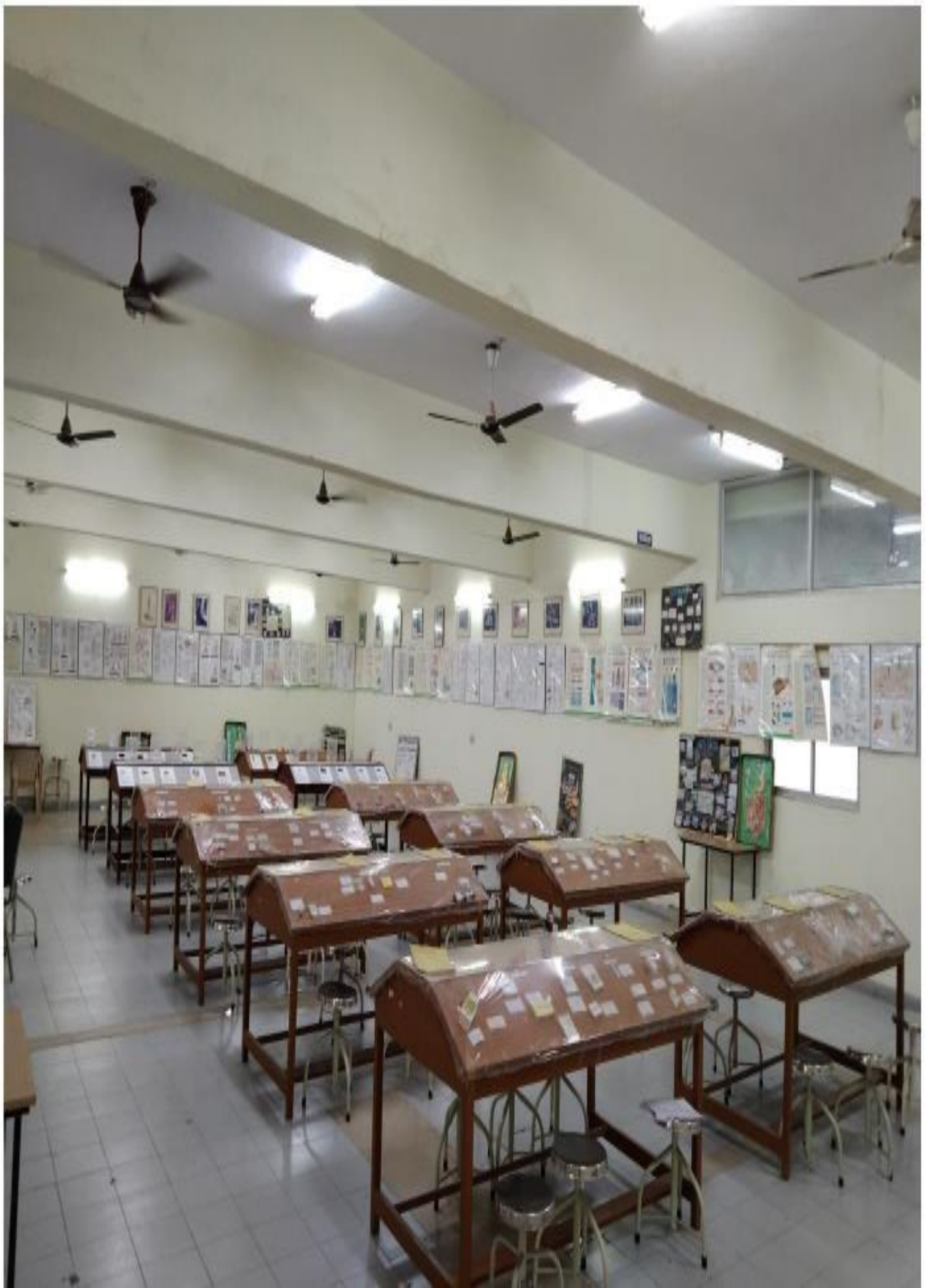




**School of Pharmacy-Pharmacology Museum**









**Achyrocline satureioides**

*Achyrocline satureioides* (Lam.) DC. is a species of plant in the family Asteraceae. It is a perennial herb with a woody base. The leaves are opposite, lanceolate, and have serrated margins. The flowers are small and white, arranged in dense, branched inflorescences. It is native to South America and is widely distributed in tropical and subtropical regions.

**Butira radicans**

*Butira radicans* (Lam.) DC. is a species of plant in the family Rubiaceae. It is a perennial herb with a woody base. The leaves are opposite, lanceolate, and have serrated margins. The flowers are small and white, arranged in dense, branched inflorescences. It is native to South America and is widely distributed in tropical and subtropical regions.

**Strychnos nuxvomica**

*Strychnos nuxvomica* (L.) Kunt. is a species of plant in the family Loganiaceae. It is a perennial herb with a woody base. The leaves are opposite, lanceolate, and have serrated margins. The flowers are small and white, arranged in dense, branched inflorescences. It is native to South America and is widely distributed in tropical and subtropical regions.

**Zingiber officinale**

*Zingiber officinale* (L.) Roscoe is a species of plant in the family Zingiberaceae. It is a perennial herb with a woody base. The leaves are opposite, lanceolate, and have serrated margins. The flowers are small and white, arranged in dense, branched inflorescences. It is native to South America and is widely distributed in tropical and subtropical regions.

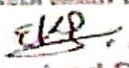


# Bills for the purchase of equipment's for the facilities created under this metric

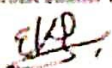
## 7.1.2: ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

### 1. Bills of Purchase (Solar System)

### Tax Invoice Bill of Solar Panels and other accessories

Original for Recipient		Page 1 of 2			
<b>TAX INVOICE</b>					
<b>Mangla Smart Energy Solutions Private Limited</b>					
Address: E9, Perambal Kott Street, Tripura - 641604, TamilNadu, India					
Ph: 0421 - 4337005 / 0488034293					
State: TamilNadu      State Code: TN      No: 33					
<b>GSTIN No: 33AAJCM2872N1Z1</b>					
Bill to	Place of Supply	Invoice No	Dated		
Buyer ( Bill to) Sree Balaji medical college & Hospitals ,No7 worrks Road Chrompet , Chennai-600044 State Name : TamilNadu	SAME	15	27-Sep-21		
Description of Goods	HSN /SAC CODE	QTY	Units	RATE	Amount
1. Solar Photovoltaic Panels (335 W) Multicrystalline 435 New 335 W x 56.58 x 67 Solar Panels)		48	Nos	10005.8	480278.40
2. Inverters (On grid)		2	Nos	65072.0	130144.00
2. Breakdown DC Motor 5 Hp		1	No	48235.0	48235.00
4. Module Mounting Structures		1	Nos	55000.0	55000.00
3. Module Mounting Structure - 16.050 (VVP Model)					
5. Earth Pit					
5. Earthing Wire					
AC Distribution Box, DC Distribution Box (Electricals, Cables & earthing pits and Artery Junction Boxes / Components)		2	Sets	48233.5	96467.00
6. Pyranometer - Solar Radiation Sensor		2	Nos	38075.0	76150.00
7. Weather Gown		2	Nos	24250.0	48500.00
8. Data Logger		2	Nos	17830.0	35660.00
9. Lightning Arresters		1	Set	55245.0	55245.00
10. Pump Controller		2	Nos	64272.5	128545.00
<b>Page 1 - TAXABLE VALUE</b>					<b>1225056.00</b>
<b>BANK DETAILS</b>					
Bank: Mangla Smart Energy Solutions Private Limited					
Bank: ESB Bank					
Account no: 0112102000050591					
Type: Current Account					
IFSC code: ESB0000113					
Branch: Tripura					
Amount Chargeable (in words)					
For Mangla Smart Energy Solutions Private Limited <b>For MANGLA SMART ENERGY SOLUTIONS (P) LTD</b>  Authorised Signatory					
Company's PAN: AAJCM2872N					

## Tax Invoice of Solar Panels and other accessories

Original for Recipient		Page 2 of 2			
<b>TAX INVOICE</b>					
<b>Mangla Smart Energy Solutions Private Limited</b>					
Address: 69, Perumal Koil Street, Tripur - 641004, Tamilnadu, India					
Ph: 0471 - 4337005 / 9488394293					
State: Tamilnadu      State Code: TN      No: 33					
GSTIN No: 33AAJCM2872H1Z1					
Bill to	Place of Supply	Invoice No			
Dated	15	27-Sep-21			
Buyer ( Bill to ) Sree Balaji medical college & Hospitals ,No7 worrks Road Chrompet , Chennai-600044 State Name : TamilNadu					
Description of services	HSN /SAC CODE	QTY	Units	RATE	Amount
11 LCD display & LED indicator		3	Sets	1173.00	3519.00
12 GSM based Remote monitoring meter level sensors - Meter grid change over switch		1	Set	8224.00	8224.00
13 Fuse monitoring		3	Nos	9386.67	28160.00
14 Switching elements		3	Nos	4441.67	13325.00
15 Water Flow Meter		2	Sets	5612.50	11225.00
16 Surge Protection Devices & MCBs		2	Nos	8450.00	16900.00
17 Solar DC Cables		480	Mtrs	60.34	24152.00
18 MC4 Connectors		50	Sets	64.73	3237.00
<b>BANK DETAILS</b>	Page 2 - TAXABLE VALUE				119325.00
<b>Total TAXABLE VALUE ( Page 1 &amp; 2 )</b>					<b>1344363.00</b>
Client: Mangla Smart Energy Solutions Private Limited	ADD CGST				2.5%
Bank: EBI Bank	ADD SGST				2.5%
Account no: 041102000095891	ADD IGST				0.0%
Type: Current Account	<b>TOTAL</b>				1411583.25
FSC code: 884 000113	<b>OTHER CHARGES</b>				
Branch: Tripur	<b>TOTAL (ROUND OFF)</b>				<b>1411583</b>
Amount Chargeable (in words) INR Fourteen Lakhs Eleven Thousand Five Hundred And Eighty Three Rupees Only	For Mangla Smart Energy Solutions Private Limited  <b>FOR MANGLA SMART ENERGY SOLUTIONS (P) LTD</b>   Authorized Signatory				
Company's PAN: AAJCM2872H1					



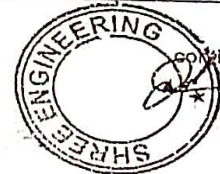
**2. Bills of Purchase (LED Tube lights)**

**Tax Invoice**

<b>SHREE ENGINEERING</b> 51 Shagun Building , Next To Lekha Farm Katraj Dehuraod Bypass, Kiwale GSTIN/UIN: 27AJIPV6767A1ZT State Name : Maharashtra, Code : 27 Contact : 9619913330, 9619913330 E-Mail : nikhil.yedhe@gmail.com	Invoice No. <b>SE-22-23/41</b>	Dated <b>10-Jan-23</b>
	Delivery Note	Mode/Terms of Payment <b>Immidiate</b>
	Reference No. & Date.	Other References
Cinsingee ( ship to) Sree Balaji medical college & Hospitals ,No7 worrks Road Chrompet , Chennai-600044 State Name : Tamil Nadu Pant No 27AAA TA 1675PIZD Buyer ( Bill to) Sree Balaji medical college & Hospitals ,No7 worrks Road Chrompet , Chennai-600044 State Name : TamilNadu Pant No 27AAA TA 1675PIZD	Buyer's Order No. <b>422</b>	Dated <b>11-Nov-22</b>
	Dispatch Doc. No.	Delivery Note Date
	Dispatched through <b>Bl Hand</b>	Destination <b>COP</b>
	Terms of Delivery 	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	LED 20W Tube Light		69 nos	295.00	nos	20,355.00
2	Celling Fan 1200mm Cromton	8414	4 nos	2,150.00	nos	8,600.00
3	Fan Capacitor	993736	6 nos	30.00	nos	180.00
4	Surface Box 6 M Roma	9961	2 nos	259.00	nos	518.00
5	Surface Box 12M Roma	9961	3 nos	435.00	nos	1,305.00
6	Switch 6A Roma	8536	22 nos	80.00	nos	1,760.00
7	Socket 6A Roma	8536	17 nos	145.00	nos	2,465.00
8	Switch 16ARoma	8536	4 nos	180.00	nos	720.00
9	Socket 16A Roma	8536	4 nos	200.00	nos	800.00
10	Ex . Fan 9" Cromton		2 nos	1,670.00	nos	3,340.00
11	Fan Regulator	8533	2 nos	450.00	nos	900.00

J.V.



**ONLINE PAID**  
30 JAN 2023

SUBJECT TO PUNE JURISDICTION

**THREE ENGINEERING**  
 11 Shagun Building , Next To Lekha Farm  
 Katraj Dehuraad Bypass, Kivale  
 GSTIN/UIN: 27AJIPV6767A1ZT  
 State Name : Maharashtra, Code : 27  
 Contact : 9319913330,9619913330  
 E-Mail : nikhil.vedhe@gmail.com

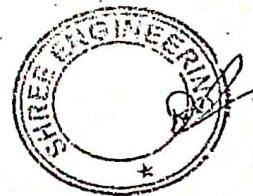
Cinsingee ( ship to )  
 Sree Balaji medical college & Hospitals ,No7 works Road  
 Chrompet , Chennai-600044  
 State Name : Tamil Nadu  
 Pant No 27AAA TA 1675PIZD  
 Buyer ( Bill to )  
 Sree Balaji medical college & Hospitals ,No7 works Road  
 Chrompet , Chennai-600044  
 State Name : TamilNadu  
 Pant No 27AAA TA 1675PIZD

Invoice No. <b>SE-22-23/49</b>	Dated <b>10-Jan-23</b>
Delivery Note	Mode/Terms of Payment <b>Immediate</b>
Reference No. & Date.	Other References
Buyer's Order No. <b>416</b>	Dated <b>12-Oct-22</b>
Dispatch Doc No.	Delivery Note Date
Dispatched through <b>By Hnad</b>	Destination <b>Site Office</b>
Terms of Delivery	

**9614**  
**11/11/2023**

Sl No.	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Amount
1	<b>LED Bulb</b> 30W Syska W W	998745	6 nos	710.00	nos	4,260.00
2	<b>Polycabe Cable In MTR</b> 2.5Sq.mm 3 Core	8544	30 Mtr	130.90	Mtr	3,927.00
3	<b>Fasnor</b> 8mm		26 nos	30.00	nos	780.00
4	<b>Polycabe Cable In MTR</b> 1.5Sqmm 2 Core	8544	35 Mtr	61.50	Mtr	2,152.50
5	<b>LED Light</b> Sopt Light Durusti		1 nos	590.00	nos	590.00
6	<b>Ex . Fan</b> 200mm Cromton		1 nos	2,710.00	nos	2,710.00
7	<b>Moter Cover</b> 10*10		1 nos	430.00	nos	460.00
8	<b>Labour Charges</b> Bosch Drill Machin		1 nos	981.00	nos	981.00
						15,860.50
	<b>CGST</b>					1,427.45

**ONLINE PAID**  
**30 JAN 2023**



continued ...





**Sri Lakshmi Narayana Institute of Medical Sciences**  
PUDUCHERRY



**PAYMENT VOUCHER**

TOP SHEET NO: SLIMS-826

HEAD OF ACCOUNT : EQUIPMENT  
DEPARTMENT : CIVIL  
SUPPLIER NAME : SARAN FIBER GLASS INDUSTRIES  
PURCHASE ORDER NO & DATE : 240079,

(COPY OF PURCHASE ORDER TO BE ENCLOSED)

COPY / FIRM / BILL VALUE (RS.) : 1,00,800  
(COPY TO BE ENCLOSED) ENCLOSED  
DATE OF SUPPLY : -  
(COPY OF DELIVERY CHALLAN MUST BE ENCLOSED) ENCLOSED

PURPOSE OF PAYMENT : PURCHASE OF 20 CUBIC FIBER GLASS BIO-GAS PLANT WATER  
(PREVIOUS VOUCHERS TO BE ENCLOSED) : SOCKET

Gross Amount (Rs.)		9,00,000
Less- TDS	0.0%	-
Add- GST	12%	1,08,000
<b>Total Payable (Rs.)</b>		<b>10,08,000</b>

PAYMENT NOW REQUIRED (RS.) : 10,08,000  
ANY BALANCE PAYMENT ON SUPPLY :  
THROUGH CHEQUE NO. / DATE *Advance ⇒ 6,00,000/-*  
BANK / ACCOUNT NO. :  
ADVANCE / PART / FINAL PAYMENT : *⇒ Rs. 4,00,000/-*  
BALANCE PAYMENT IF ANY PENDING :

Rupees in words : Ten Lakhs & Eight Thousand only

*[Signature]*  
ACCOUNTANT

*[Signature]*  
SR. ACCOUNTANT

*[Signature]*  
A.O

*[Signature]*  
DEAN

DIRECTOR

CFO

REGISTRAR

VICE CHANCELLOR

MANAGING DIRECTOR





SATHVIK SOLAR

INVOICE

ORIGINAL FOR BUYER

SATHVIK SOLAR



Regd. office :

Old No.18, New No.39, South Usman Road,  
T.Nagar, Chennai - 600 017 , Tamil Nadu.  
Email Id: sathviksolar@gmail.com  
PH:044-22425838, Mobile: 08939406424

<b>To</b> Sree Lakshmi Narayana Institute of Medical Sciences Osudu, Agaram Villege, Villianur Gommune Kudupakkam Post, Puducherry - 605 502	Invoice No: SS/02	Date: 05.03.2016
	D.C. No: 02	Date: 30.01.2016
	P.O.No. Verbal	
	Lorry No.	
	TIN No : 33096288358	

Description of Goods	Quantity	Rate		Amount	
8000 Litres per day Solar water heater system (ETC - INSTITUTION 500 x 16 units)	1	1,142,857	00	1,142,857	00
		<b>Sub-Total</b>		1,142,857	00
		<b>CST-5%</b>		57,143	00
		<b>Total</b>		<b>1,200,000</b>	<b>00</b>
Total Value in words:- Twelve Lakhs Rupees only					

Certified that the Particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.

For SATHVIK SOLAR

*Dinesh B. E.*  
Authorised Signatory

E.&O.E.



## SRI LAKSHMI NARAYANA INSTITUTE OF MEDICAL SCIENCES

OSUDU, AGARAM VILLAGE, VILLIANUR COMMUNE, KUDAPAKKAM POST,  
PUDUCHERRY - 605 502.

Date: 16/11/2015

Ref: Quotation dated 15/11/2015

To,

SATHVIK SOLAR

New No: 39, Old No: 18, South Usman Road  
T Nagar, Chennai 600017  
TIN: 33096288358

Sub: Purchase order for 8000 Liters Per Day Solar water heater System  
(ETC - INSTITUTIONAL 500 x 16 units)

Dear Sir,

Here by consider this order as confirmation of Solar water heater system for capacity of  
8000 LPD (i.e 500 LPD X 16 Nos)

Total value of system is **Rs.12,000,00 (Twelve Lakhs rupees only).**

4 Solar water heater systems will be installed separately (2000 liters / day capacity each) 2 in boy's  
hostel and 2 in ladies hostel.

Terms and conditions:

1. Above price including VAT.
2. Transportation and Packing included.
3. Installation and commissioning
4. 1<sup>st</sup> Year Guarantee and 5 Years warranty
5. Inlet water tank under SLIMS scope of work

Payment terms:

- a. 60 % advance payment
- b. 25% payment towards supply of material
- c. 15 % towards installation and commissioning of the system

Thanking you

For Sri Lakshmi Narayana Institute of Medical Sciences

General Manager

Phone : Off :0413 - 2661978. Fax :0413 - 2661996. e-mail : slims\_h@yahoo.com



**TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED**

From

Er.V.R. MURALI, B.E.,  
Superintending Engineer.  
C.E.D.C./South-II  
110 KV SS Complex,  
K.K.Nagar, Chennai-78.

To

✓ M/s. Bhaarith Medical College and Hospital,  
No.173, Agaram Main Road,  
Selaiyur,  
Chennai-73.

Lr.No.SE/CEDC/S-II/DFC/AAO/HT/AS GI./F.HT 761/D 401e /22, Dt. 20.12.2022.

Dear Sir(s),

Sub: TANGEDCO-CEDC/South-II – HT S/c.No.09-909-401-761 (Tariff III)  
M/s.Bhaarith Medical College and Hospital, Agaram Main Road,  
Selaiyur, Chennai – Billing Revision for the Tariff change  
period from 04/2009 to 12/2021 – Payment requested -  
Show cause Notice – Issued.

Ref: Lr.No.CFC/Reg.Cell/FC/DFC/RC/F.Counter/D 470/21, dated 02.12.2021.

1. Your premises has been provided with electricity supply through H.T.Service Connection No. 761 (Tariff III) with a sanctioned demand of 800 KVA.

2. In the above reference cited, as per TNERC Order dated 16.11.2020 to take Necessary action to segregate the premises physically and electrically for billing separate tariff for Medical College & Hostels under Tariff II B and Hospital under Tariff III category. The electricity in your subject Service connection for the period from 04/2009 to 12/2021, the service was billed under Tariff II B only. As per Headquarter's instruction your H. T. service connection No.761 was billed Under Tariff III from 01/2022 onwards.

3. Now, the shortfall for the remaining period were inadvertently not billed, while drawing the respective monthly bills and consequently, the bills were raised and collected without taking into account of the same.

4. In this regard, you may be well aware of the Tamil Nadu Electricity Supply Code, 2004 which, inter-alia, stipulates the method of Tariff rates to be charged for the above period. As per the said provision, tariff revision for the period from 04/2009 to 12/2021 is to be charged.

5. You may also be aware that regulation 13 (2) of the TNE Supply code, 2004 mandates the TANGEDCO to inform you by a separate communication with details before claim of any arrears other than the regular current consumption bill.

6. Accordingly, as per the TANGEDCO's records, the arrears liable to be paid by you is as detailed below:-

S. No.	Billing Month & Year (1)	Already Billed Units (Tariff IIB) (2)	Charges (Rs.) (Tariff IIB) (3)	To be Billed Units (Tariff III) (4)	Charges (Rs.) Tariff III (5)	Arrears to be paid (Rs.) Col.No.5 – Col.No.3
1.	09/2009 to 12/2021	9069863	5,54,87,455/-	9069863	7,01,42,688/-	1,46,55,233/-
					Energy charges	1,46,55,233/-
					E-Tax Amount	7,32,762/-
					<b>Total</b>	<b>1,53,87,995/-</b>

In this regard, the following copies of records are enclosed for your reference.

- (i) Working sheet for Tariff revision period

7. You are requested to show cause, as to why the TANGEDCO should not claim the above amount of Rs.1,53,87,995 /- (Rupees One crore fifty three lakhs eighty seven thousand nine hundred and ninety five only) as arrears along with relevant records, if any within 15 (fifteen days) from the date following the date of receipt of this notice.

8. While making a reply to this show cause notice, it is open to you to seek a personal hearing duly indicating the same, which will be provided on the date and time administratively convenient to the undersigned, which shall generally be within a week after expiry of said notice period.

9. If you agree with the said demand, you shall pay the same within the said notice period and, on such payment, the issue will be treated as settled.



10. In case of any failure to respond to the undersigned within the notice period and/or failed to avail the opportunity of personal hearing and/or failed to produce relevant records to the undersigned in support of your reply, it will be deemed that you have no objection to the said demand or you have no relevant records in support of your reply. Consequently, a final order will be passed by the undersigned providing you a further time of 15 (fifteen) days for making payment with applicable charges including Belated Payment Surcharge (BPSC). On failure to make payment, your service connection will be disconnected immediately on expiry of said period, without any further notice whatsoever.

11. If the said dues are not paid continuously, further course of action to recover the dues together with all applicable charges including applicable Belated Payment Surcharge in accordance with law including as per the statutory provisions of the TNE Supply Code, 2004, will be taken.

Encl: Working sheet.



SUPERINTENDING ENGINEER,  
C.E.D.C./SOUTH-II.

3/A

1. Copy submitted to The Chief Financial Controller/Regulatory Cell, TANGEDCO, No.144, Anna salai, Chennai-2. for kind information.
2. Copy submitted to The Chief Engineer/Distribution/ South Region.

**M/s. Bhaarith Medical College and Hospital, Selaiyur, Chennai**

**HT SC No 099094010761**


**Old Name: Sri Lakshmi Ammal Educational Trust**

Year	Consumption	Old Tariff Rate	Already Billed	New Tariff Rate	To be Billed	Balance to be Collected
Apr-09	1296	3.5	4536.0	5	6480	1944.0
May-09	1246	3.5	4361.0	5	6230	1869.0
Jun-09	27106	3.5	94871.0	5	135530	40659.0
Jul-09	8298	3.5	29043.0	5	41490	12447.0
Aug-09	10740	3.5	37590.0	5	53700	16110.0
Sep-09	13738	3.5	48083.0	5	68690	20607.0
Oct-09	15086	3.5	52801.0	5	75430	22629.0
Nov-09	15282	3.5	53487.0	5	76410	22923.0
Dec-09	10092	3.5	35322.0	5	50460	15138.0
Jan-10	6904	3.5	24164.0	5	34520	10356.0
Feb-10	13828	3.5	48398.0	5	69140	20742.0
Mar-10	16210	3.5	56735.0	5	81050	24315.0
Apr-10	19410	3.5	67935.0	5	97050	29115.0
May-10	17874	3.5	62559.0	5	89370	26811.0
Jun-10	8816	3.5	30856.0	5	44080	13224.0
Jul-10	13843	3.5	48450.5	5	69215	20764.5
Aug-10	20568	4.5	92556.0	5.8	119294.4	26738.4
Sep-10	19684	4.5	88578.0	5.8	114167.2	25589.2
Oct-10	18802	4.5	84609.0	5.8	109051.6	24442.6
Nov-10	13622	4.5	61299.0	5.8	79007.6	17708.6
Dec-10	13448	4.5	60516.0	5.8	77998.4	17482.4
Jan-11	10962	4.5	49329.0	5.8	63579.6	14250.6
Feb-11	14288	4.5	64296.0	5.8	82870.4	18574.4
Mar-11	13808	4.5	62136.0	5.8	80086.4	17950.4
Apr-11	12414	4.5	55863.0	5.8	72001.2	16138.2
May-11	8196	4.5	36882.0	5.8	47536.8	10654.8
Jun-11	6232	4.5	28044.0	5.8	36145.6	8101.6
Jul-11	12074	4.5	54333.0	5.8	70029.2	15696.2
Aug-11	24526	4.5	110367.0	5.8	142250.8	31883.8
Sep-11	31854	4.5	143343.0	5.8	184753.2	41410.2
Oct-11	19566	4.5	88047.0	5.8	113482.8	25435.8
Nov-11	28146	4.5	126657.0	5.8	163246.8	36589.8
Dec-11	23120	4.5	104040.0	5.8	134096	30056.0
Jan-12	20520	4.5	92340.0	5.8	119016	26676.0
Feb-12	26572	4.5	119574.0	5.8	154117.6	34543.6
Mar-12	32880	4.5	147960.0	5.8	190704	42744.0
Apr-12	5674	4.5	25533.0	5.8	32909.2	7376.2
Apr-12	31018	5.5	170599.0	7	217126	46527.0
May-12	28438	5.5	156409.0	7	199066	42657.0
Jun-12	24944	5.5	137192.0	7	174608	37416.0
Jul-12	30212	5.5	166166.0	7	211484	45318.0
Aug-12	30706	5.5	168883.0	7	214942	46059.0
Sep-12	35366	5.5	194513.0	7	247562	53049.0
Oct-12	29904	5.5	164472.0	7	209328	44856.0
Nov-12	26738	5.5	147059.0	7	187166	40107.0
Dec-12	22912	5.5	126016.0	7	160384	34368.0
Jan-13	19984	5.5	109912.0	7	139888	29976.0
Feb-13	29580	5.5	162690.0	7	207060	44370.0
Mar-13	28056	5.5	154308.0	7	196392	42084.0
Apr-13	37538	5.5	206459.0	7	262766	56307.0
May-13	34266	5.5	188463.0	7	239862	51399.0
Jun-13	25942	5.5	142681.0	7	181594	38913.0
Jul-13	29500	5.5	162250.0	7	206500	44250.0
Aug-13	34570	5.5	190135.0	7	241990	51855.0
Sep-13	30616	5.5	168388.0	7	214312	45924.0
Oct-13	34130	5.5	187715.0	7	238910	51195.0
Nov-13	34628	5.5	190454.0	7	242396	51942.0
Dec-13	23508	5.5	129294.0	7	164556	35262.0
Jan-14	18100	5.5	99550.0	7	126700	27150.0
Feb-14	32572	5.5	179146.0	7	228004	48858.0



Mar-14	35658	5.5	196119.0	7	249606	53487.0
Apr-14	34812	5.5	191466.0	7	243684	52218.0
May-14	35100	5.5	193050.0	7	245700	52650.0
Jun-14	26922	5.5	148071.0	7	188454	40383.0
Jul-14	18414	5.5	101277.0	7	128898	27621.0
Aug-14	37822	5.5	208021.0	7	264754	56733.0
Sep-14	42294	5.5	232617.0	7	296058	63441.0
Oct-14	34484	5.5	189662.0	7	241388	51726.0
Nov-14	48870	5.5	268785.0	7	342090	73305.0
Dec-14	17938	6.35	113904.6	8	143502	29597.3
Jan-15	24338	6.35	154546.3	8	194704	40157.7
Feb-15	41508	6.35	263575.8	8	332064	68488.2
Mar-15	51798	6.35	328917.3	8	414384	85466.7
Apr-15	48080	6.35	305308.0	8	384640	79332.0
May-15	43458	6.35	275958.3	8	347664	71705.7
Jun-15	39266	6.35	249339.1	8	314128	64788.9
Jul-15	47472	6.35	301447.2	8	379776	78328.8
Aug-15	51264	6.35	325526.4	8	410112	84585.6
Sep-15	61052	6.35	387680.2	8	488416	100735.8
Oct-15	83396	6.35	529564.6	8	667168	137603.4
Nov-15	39098	6.35	248272.3	8	312784	64511.7
Dec-15	22528	6.35	143052.8	8	180224	37171.2
Jan-16	43202	6.35	274332.7	8	345616	71283.3
Feb-16	53502	6.35	339737.7	8	428016	88278.3
Mar-16	63708	6.35	404545.8	8	509664	105118.2
Apr-16	60072	6.35	381457.2	8	480576	99118.8
May-16	67472	6.35	428447.2	8	539776	111328.8
Jun-16	46374	6.35	294474.9	8	370992	76517.1
Jul-16	31456	6.35	199745.6	8	251648	51902.4
Aug-16	59002	6.35	374662.7	8	472016	97353.3
Sep-16	57186	6.35	363131.1	8	457488	94356.9
Oct-16	65494	6.35	415886.9	8	523952	108065.1
Nov-16	54216	6.35	344271.6	8	433728	89456.4
Dec-16	29700	6.35	188595.0	8	237600	49005.0
Jan-17	27374	6.35	173824.9	8	218992	45167.1
Feb-17	55256	6.35	350875.6	8	442048	91172.4
Mar-17	61580	6.35	391033.0	8	492640	101607.0
Apr-17	72258	6.35	458838.3	8	578064	119225.7
May-17	61716	6.35	391896.6	8	493728	101831.4
Jun-17	47126	6.35	299250.1	8	377008	77757.9
Jul-17	65376	6.35	415137.6	8	523008	107870.4
Aug-17	88304	6.35	560730.4	8	706432	145701.6
Sep-17	122036	6.35	774928.6	8	976288	201359.4
Oct-17	118774	6.35	754214.9	8	950192	195977.1
Nov-17	111988	6.35	711123.8	8	895904	184780.2
Dec-17	88404	6.35	561365.4	8	707232	145866.8
Jan-18	32058	6.35	203568.3	8	256464	52895.1
Feb-18	110974	6.35	704684.9	8	887792	183107.1
Mar-18	106694	6.35	677506.9	8	853552	176045.1
Apr-18	107736	6.35	684123.6	8	861888	177764.1
May-18	127250	6.35	808037.5	8	1018000	209962.1
Jun-18	93442	6.35	593356.7	8	747536	154179.1
Jul-18	63864	6.35	405536.4	8	510912	105375.1
Aug-18	125212	6.35	795096.2	8	1001696	206599.1
Sep-18	121692	6.35	772744.2	8	973536	200791.1
Oct-18	124994	6.35	793711.9	8	999952	206240.1
Nov-18	125234	6.35	795235.9	8	1001872	206636.1
Dec-18	102166	6.35	648754.1	8	817328	168573.1
Jan-19	42586	6.35	270421.1	8	340688	70266.1
Feb-19	121490	6.35	771461.5	8	971920	200458.1
Mar-19	127448	6.35	809294.8	8	1019584	210288.1
Apr-19	84330	6.35	535495.5	8	674640	139144.1
May-19	140346	6.35	891197.1	8	1122768	231570.1
Jun-19	89468	6.35	568121.8	8	715744	147622.1
Jul-19	86292	6.35	547954.2	8	690336	142387.1

Aug-19	137362	6.35	872248.7	8	1098896	226647.3
Sep-19	146052	6.35	927430.2	8	1168416	240985.8
Oct-19	129212	6.35	820496.2	8	1033696	213199.8
Nov-19	171122	6.35	1086624.7	8	1368976	282351.3
Dec-19	116628	6.35	740587.8	8	933024	192436.2
Jan-20	92699	6.35	588638.7	8	741592	152953.4
Feb-20	135249	6.35	858831.2	8	1081992	223160.9
Mar-20	124916	6.35	793216.6	8	999328	206111.4
Apr-20	41955	6.35	266414.3	8	335640	69225.8
May-20	43791	6.35	278072.9	8	350328	72255.2
Jun-20	49559	6.35	314699.7	8	396472	81772.4
Jul-20	55399	6.35	351783.7	8	443192	91408.4
Aug-20	58943	6.35	374288.1	8	471544	97256.0
Sep-20	65666	6.35	416979.1	8	525328	108348.9
Oct-20	76539	6.35	486022.7	8	612312	126289.4
Nov-20	71998	6.35	457187.3	8	575984	118796.7
Dec-20	73338	6.35	465696.3	8	586704	121007.7
Jan-21	78933	6.35	501224.6	8	631464	130239.5
Feb-21	85315	6.35	541750.3	8	682520	140769.8
Mar-21	143431	6.35	910786.9	8	1147448	236661.2
Apr-21	125212	6.35	795096.2	8	1001696	206599.8
May-21	155806	6.35	989368.1	8	1246448	257079.9
Jun-21	136172	6.35	864692.2	8	1089376	224683.8
Jul-21	147612	6.35	937336.2	8	1180896	243559.8
Aug-21	172171	6.35	1093285.9	8	1377368	284082.2
Sep-21	198251	6.35	1258893.9	8	1586008	327114.2
Oct-21	193776	6.35	1230477.6	8	1550208	319730.4
Nov-21	190491	6.35	1209617.9	8	1523928	314310.2
Dec-21	231888	6.35	1472488.8	8	1855104	382615.2
<b>Total</b>	<b>9069863</b>		<b>55487455</b>		<b>70142688</b>	<b>1,46,55,233</b>
					E-Tax 5%	7,32,761.65
					<b>Grand Total</b>	<b>1,53,87,995</b>

  
 S/ce  
 Superintending Engineering  
 CEDC/South-II  
 A/A



TamilNadu Generation and Distribution Corporation Ltd.

High Tension Bill (Provisional) for the Month of March 2023

TANGEDCO CIN No:

GST No:33AADCT4784E1ZC

HSN : 27160000

SAC : 996912

\*\*\*\* Electrical Energy & Distribution Services are exempted under GST \*\*\*\*

To: BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY	Service No.	099094010521
NO.173, AGHARAM ROAD, SELAIYUR, CHENNAI	Bill No.	H4010521032311
	Date of Bill	01-Apr-23
Tamparam	Due Date	07-Apr-23
Tamparam	Tariff App. / Bld.	HT IIB / HT IIB
Chennai - 600073	GST No :	0000000000000000

Permitted MD :	225 KVA	Supply Voltage:	11 KV	Tr. CAP.	0 KVA
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DETAILS	RATE	CONSUMPTION	AMOUNT (Rs.)
1. Industrial Consumption	7.5 per unit	58298	4,37,235.00
2. Peak Hour Consumption	1.88 per unit	14526	27,236.25
3. Night Hour Consumption (5% Rebate)	0.375 per unit	9366 (-)	3,512.25(-)
4. Lavish illumination charges (Entire consumption)	0.375 per unit		0.00
5. Quarters Consumption	0 per unit	0	0.00
6. Commercial Consumption	0 per unit	0	0.00
7. Temp. Supply Consumption	0 per unit	0	0.00
8. Total Energy Charges			4,60,959.00
9. Demand Charges	550 per KVA	268.8	1,47,840.00
10. Total Demand and Energy Charges			6,08,799.00
ADD			
11. Meter Rent(Including 9 %SGST&9 %CGST)			4,366.00
12. Belated Payment Surcharge for Govt service @0.5%			
13. Levy for exceeding con. demand	1100 per KVA	43.8	48,180.00
14. Compensation Charges for low PF			0.00
15. Harmonics Compensation Charges (Incl. 18% GST)			0.00
16. Cross Subsidy Surcharge (Incl. 18% GST)			0.00
17. Electricity Tax			30,615.40
18. Additional Surcharge (Incl. 18% GST)			0.00
19. Adjustment Charges(Affecting) (Incl. 18% GST)			0.00
Rounding off			- 0.40
20. Assessment Amount			6,91,960.00
21. Adjustment Charges(Not Affecting) (Incl. 18% GST)			0.00
22. SD Refund amount / ASD amount if any			
23. Self Generation Tax			0.00
24. Self Generation Tax for Diesel Genset 0.10 /unit			0.00
25. E Tax on consumption from IEX			0.00
Net Total			6,91,960.00
Less: Amount Deductable due to Court Case			0.00
Less: Amount Deductable due to Advance CC			0.00
Tax collected at source			0.00
Net Amount Payable			6,91,960.00

Rupees : Six Lakhs Ninety One Thousand Nine Hundred and Sixty Only

Amount Payable after due date & upto	22-Apr-23	6,96,920.00	(i.e 15 days Notice Period)
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Deduction of TDS under section 194Q	0.00
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RTGS Payment should be made for the exact Bill Amount. Any Part/Excess/Short Amount will be rejected.

This Bill is subject to the Audit, Outcome of the Court Cases, etc., if any, before the appropriate forum.

**H. I. BILL Working Sheet Annexure**

Circle Code	0401	Meter Make	Genus	MF :	400
Circle Name	Chennai South-2	Meter SL No.			
Service No.	099094010521	Bill Month	MARCH 2023		

Reading Date : 01/04/2023		READING STATUS :Normal			
MF: 400	kWhr	kVAhr	rkVAhr	kVAmd	
<b>SLOT TYPE</b>	<b>C</b>				
Final Reading	2144.39	2206.909	311.508		0.672
Initial Reading	1998.646	2056.286	283.183		
Diff Reading	145.744	150.623	28.325		
Consumption	58297.6	60249.2	11330		268.8
Average Consp.					
<b>SLOT TYPE</b>	<b>C1</b>				
Final Reading	194.328	203.575			0.63
Initial Reading	174.483	182.975			
Diff Reading	19.845	20.6			
Consumption	7938	8240			252
Average Consp.					
<b>SLOT TYPE</b>	<b>C2</b>				
Final Reading	189.197	197.215			0.296
Initial Reading	172.727	179.818			
Diff Reading	16.47	17.397			
Consumption	6588	6958.8			118.4
Average Consp.					
<b>SLOT TYPE</b>	<b>C3</b>				
Final Reading	28.626	29.863			0
Initial Reading	28.626	29.863			
Diff Reading	0	0			
Consumption	0	0			0
Average Consp.					
<b>SLOT TYPE</b>	<b>C5</b>				
Final Reading	330.71	352.458			0.18
Initial Reading	307.296	327.337			
Diff Reading	23.414	25.121			
Consumption	9365.6	10048.4			72
Average Consp.					



**DEMAND CALCULATION**

READING STATUS	QUOTA / SANCTIONED DEMAND	RECORDED DEMAND	DAYS BILLED	Total Days	90% of sanctioned demand (or) recorded demand whichever is higher	MD Rate	Amount (Rs.)
Normal	225	268.80	31	31	202.50	550.00	1,47,840.00

**Tax Calculation**

**I. E-Tax**

1 ) Realised energy charges	Amount (Rs.)
(a) Actual Energy Charges	4,37,235.00
(b) Peak Charges	27,236.25
(c) Lavish illumination Charges	0.00
(d) LT Charges	0.00
<b>Total</b>	<b>4,64,468.25</b>
2 ) Recorded Demand Charges including Transformer Loss	1,47,840.00
3 ) Low Pf Surcharge	0.00
Taxable Amount	6,12,308.25
E-Tax Amount (5%)	30,615.40
<b>II. Old E-Tax</b>	<b>0.00</b>
<b>III. Self generation Tax</b>	<b>0.00</b>
<b>Total E-Tax (Electricity Tax+Self Gen. Tax+Self Consumption Tax)</b>	<b>30,615.40</b>

**High Tension Bill (Provisional) for the Month of March 2023  
H.T. Bill Working Sheet**

Service No. 099094010521

LT Side Metering :NO

Meter SL No :

Service Date : 19/12/2003

Details	C24	C1	C2	C3	C4	C5
Consumption Summed (Gross (Recorded) egypt. consumed)	58297.60	7938.00	6588.00	0.00	34406.00	9365.60
Add Computed Consumption *	0.00	0.00	0.00	0.00	0.00	0.00
Add Transformer Loss	0.00	0.00	0.00	0.00	0.00	0.00
Less Other Consumption						
Less Quarters Consumption						
Less Commercial Consumption						
Less Temp. Supply Consumption						
IEX						
THIRD PARTY						
CAPTIVE						
BIOMASS						
BAGASSE						
SOLAR						
Wind Adjustment						
Net Industrial Consumption	58297.60	7938.00	6588.00	0.00	34406.00	9365.60

KVAH	60249.2	RKVAH	11330	Power Factor	0.97
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FOR DEPUTY FIN. CONTROLLER

\* For clarifications if any, kindly contact respective SE/EDCs

Please verify your IT PAN as available with TANGEDCO's records, to enable lower rate of TCS u/s 206C (1H). In case of any difference, kindly bring it to the notice of the respective SE/EDC for appropriate levy of TCS

GST Details					
Account Code	Account Description	Taxable Amount	GST 18%	CGST 9%	SGST 9%
61600	METER RENT	3700	666	333	333

e Invoice Details			
Service No	Bill Month	Bill Year	IRN No.



QR Code



This payment can be made through NEFT or RTGS using any of the following

S.No	Virtual Account No	IFSC Code
1.	TNEBHTC9094010521	IFSC Code :IDIB000A089 ( INDIAN BANK)
2.	TGFBHT9094010521	IFSC Code :FDRL0000CMS ( FEDERAL BANK)

Reference ID: 5114040052  
Transaction Type: RTGS Payment  
Debit Account Number : 4557000100025160  
Beneficiary Nickname: SE CEDC SOUTH II Bist  
Beneficiary Bank Name: INDIAN BANK  
IFSC Code: IDIB000A089  
Amount: INR 6,91,960.00  
Transaction Date:(dd-MM-yyyy): 06-04-2023  
Frequency Type: One Time  
Remark:



**TAMBARAM CITY MUNICIPAL CORPORATION / தாமிரம் மாநகராட்சி** **SERVICE REQUEST RECEIPT**

Receipt Number / பற்றுச்சீட்டு எண் } :  
 Service Name / சேவையின் பெயர் } :  
 Applicant Name / விண்ணப்பதாரர் பெயர் } :  
 Address / முகவரி } :

Receipt Date / பற்றுச்சீட்டு நாள் } :  
 SI Ward / Ward / பிளிக் / வார்டு } :  
 Mobile No / அலைபேசி எண் } :

2/2024

009/Z/2/23-24/0011533

23/FEB/2024 12:44:21 PM

(தொடு) கட்டணம் பெறுதலுக்காக

ஸ்ரீ லாக்ஷி அம்மாஸ் கல்வி அறக்கட்டளை

173 அகரம் கோடு

இணைப்பு எண் : 009/065/901051 பழைய துறைமுகத்தை : 009/12649

நீர் வழங்கல்

1 2022-2023 450.00 450.00 450.00 IV

2 2023-2024 450.00 450.00 450.00

Amount / தொகை ₹

0226575

Total / மொத்தம்

0.00

Signature / கையொப்பம்

3600.00

மைய நீரை சேகரிப்பீளாம்! கட்டண விவரங்கள் : வணிகவாங்கலு 3600.00 / - 3447599.28/FEB/2024 HUNJIB NATIONAL BANK கம்ப்யூட்டரின் கார்ட்டைப் பயன்படுத்தி கட்டணம் செய்து கொடுக்கவும். கட்டணம் செய்த பின்னர் மைய நீரை சேகரிப்பீளாம்!





TamilNadu Generation and Distribution Corporation Ltd.

High Tension Bill (Provisional) for the Month of December 2022

TANGEDCO CIN No:

GST No:33AADCT4784E1ZC

HSN : 27160000

SAC : 996912

\*\*\*\* Electrical Energy & Distribution Services are exempted under GST \*\*\*\*

To: BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY	Service No.	099094010521
NO.173, AGHARAM ROAD, SELAIYUR, CHENNAI	Bill No.	H4010521122211
	Date of Bill	01-Jan-23
Tamparam	Due Date	07-Jan-23
Tamparam	Tariff App. / Bld.	HT IIB / HT IIB
Chennai - 600073	GST No :	0000000000000000

Permitted MD :	225 KVA	Transformer Loss :	0units/0KVA	Tr. CAP.	0 KVA
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DETAILS	RATE	CONSUMPTION	AMOUNT (Rs.)
1. Industrial Consumption	7.5 per unit	49906	3,74,295.00
2. Peak Hour Consumption	1.88 per unit	12496	23,430.00
3. Night Hour Consumption (5% Rebate)	0.375 per unit	8241 (-)	3,090.38(-)
4. Lavish illumination charges (Entire consumption)	0.375 per unit		0.00
5. Quarters Consumption	0 per unit	0	0.00
6. Commercial Consumption	0 per unit	0	0.00
7. Temp. Supply Consumption	0 per unit	0	0.00
8. Total Energy Charges			3,94,634.62
9. Demand Charges	550 per KVA	226.4	1,24,520.00
10. Total Demand and Energy Charges			5,19,154.62

ADD			
11. Meter Rent(Including 9 %SGST&9 %CGST)			4,366.00
12. Belated Payment Surcharge for Govt service @0.5%			
13. Levy for exceeding con. demand (Incl. 18% GST)	1100 per KVA	1.4	1,540.00
14. Compensation Charges for low PF			0.00
15. Harmonics Compensation Charges (Incl. 18% GST)			0.00
16. Cross Subsidy Surcharge (Incl. 18% GST)			0.00
17. Electricity Tax			26,112.30
18. Additional Surcharge (Incl. 18% GST)			0.00
19. Adjustment Charges(Affecting) (Incl. 18% GST)			0.00
Rounding off			- 0.30
20. Assessment Amount			5,51,173.00
21. Adjustment Charges(Not Affecting) (Incl. 18% GST)			0.00
22. SD Refund amount / ASD amount if any			
23. Self Generation Tax			0.00
24. Self Generation Tax for Diesel Genset 0.10 /unit			0.00
25. E Tax on consumption from IEX			0.00
Net Total			5,51,173.00
Less: Amount Deductable due to Court Case			0.00
Less: Amount Deductable due to Advance CC			0.00
Tax collected at source			
Net Amount Payable			5,51,173.00

Rupees : Five Lakhs Fifty One Thousand One Hundred and Seventy Three Only

Amount Payable after due date & upto	22-Jan-23	5,55,111.00	(i.e 15 days Notice Period)
Deduction of TDS under section 194Q			0.00

RTGS Payment should be made for the exact Bill Amount. Any Part/Excess/Short Amount will be rejected.

This Bill is subject to the Audit, Outcome of the Court Cases, etc., if any, before the appropriate forum.

## H. I . BILL Working Sheet Annexure

Circle Code	0401	Meter Make	Genus	MF :	400
Circle Name	Chennai South-2	Meter SL No.			
Service No.	099094010521	Bill Month	DECEMBER 2022		

Reading Date : 01/01/2023		READING STATUS :Normal			
MF:	400	kWhr	kVAhr	rkVAhr	kVAmd
<b>SLOT TYPE</b>	<b>C</b>				
Final Reading		1777.88	1828.141	244.462	0.566
Initial Reading		1653.114	1699.324	223.4	
Diff Reading		124.766	128.817	21.062	
Consumption		49906.4	51526.8	8424.8	226.4
Average Consp.					
<b>SLOT TYPE</b>	<b>C1</b>				
Final Reading		143.189	150.712		0.528
Initial Reading		125.075	132.054		
Diff Reading		18.114	18.658		
Consumption		7245.6	7463.2		211.2
Average Consp.					
<b>SLOT TYPE</b>	<b>C2</b>				
Final Reading		147.488	153.273		0.242
Initial Reading		134.364	139.538		
Diff Reading		13.124	13.735		
Consumption		5249.6	5494		96.8
Average Consp.					
<b>SLOT TYPE</b>	<b>C3</b>				
Final Reading		28.626	29.863		0
Initial Reading		28.626	29.863		
Diff Reading		0	0		
Consumption		0	0		0
Average Consp.					
<b>SLOT TYPE</b>	<b>C5</b>				
Final Reading		267.37	284.198		0.14
Initial Reading		246.767	261.846		
Diff Reading		20.603	22.352		
Consumption		8241.2	8940.8		56
Average Consp.					



**DEMAND CALCULATION**

READING STATUS	QUOTA / SANCTIONED DEMAND	RECORDED DEMAND	DAYS BILLED	Total Days	90% of sanctioned demand (or) recorded demand whichever is higher	MD Rate	Amount (Rs.)
Normal	225	226.40	31	31	202.50	550.00	1,24,520.00

**Tax Calculation**

**I. E-Tax**

	Amount (Rs.)
1 ) Realised energy charges	
(a) Actual Energy Charges	3,74,295.00
(b) Peak Charges	23,430.00
(c) Lavish illumination Charges	0.00
(d) LT Charges	0.00
Total	3,97,726.50
2 ) Recorded Demand Charges including Transformer Loss	1,24,520.00
3 ) Low Pf Surcharge	0.00
Taxable Amount	5,22,246.50
E-Tax Amount (5%)	26,112.30
II. Old E-Tax	0.00
III. Self generation Tax	0.00
<b>Total E-Tax (Electricity Tax+Self Gen. Tax+Self Consumption Tax)</b>	<b>26,112.30</b>

## High Tension Bill (Provisional) for the Month of December 2022

## H.T. Bill Working Sheet

Service No. 099094010521

LT Side Metering :NO

Meter SL No :

Service Date : 19/12/2003

Details	C24	C1	C2	C3	C4	C5
Consumption Summed (Gross (Recorded) egy. consumed)	49906.40	7245.60	5249.60	0.00	29170.00	8241.20
Add Computed Consumption *	0.00	0.00	0.00	0.00	0.00	0.00
Add Transformer Loss	0.00	0.00	0.00	0.00	0.00	0.00
Less Other Consumption						
Less Quarters Consumption						
Less Commercial Consumption						
Less Temp. Supply Consumption						
IEX						
THIRD PARTY						
CAPTIVE						
BIOMASS						
BAGASSE						
SOLAR						
Wind Adjustment						
Net Industrial Consumption	49906.40	7245.60	5249.60	0.00	29170.00	8241.20

KVAH	51526.8	RKVAH	8424.8	Power Factor	0.97
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FOR DEPUTY FIN. CONTROLLER

\* For clarifications if any, kindly contact respective SE/EDCs

Please verify your IT PAN as available with TANGEDCO's records, to enable lower rate of TCS u/s 206C (1H). In case of any difference, kindly bring it to the notice of the respective SE/EDC for appropriate levy of TCS

GST Details					
Account Code	Account Description	Taxable Amount	GST 18%	CGST 9%	SGST 9%
61600	METER RENT	3700	666	333	333
e Invoice Details					
Service No	Bill Month	Bill Year	IRN No.		



QR Code



This payment can be made through NEFT or RTGS using the following

Virtual Account No: TNEBHTC9094010521

IFSC Code :IDIB000A089 ( INDIAN BANK)