

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

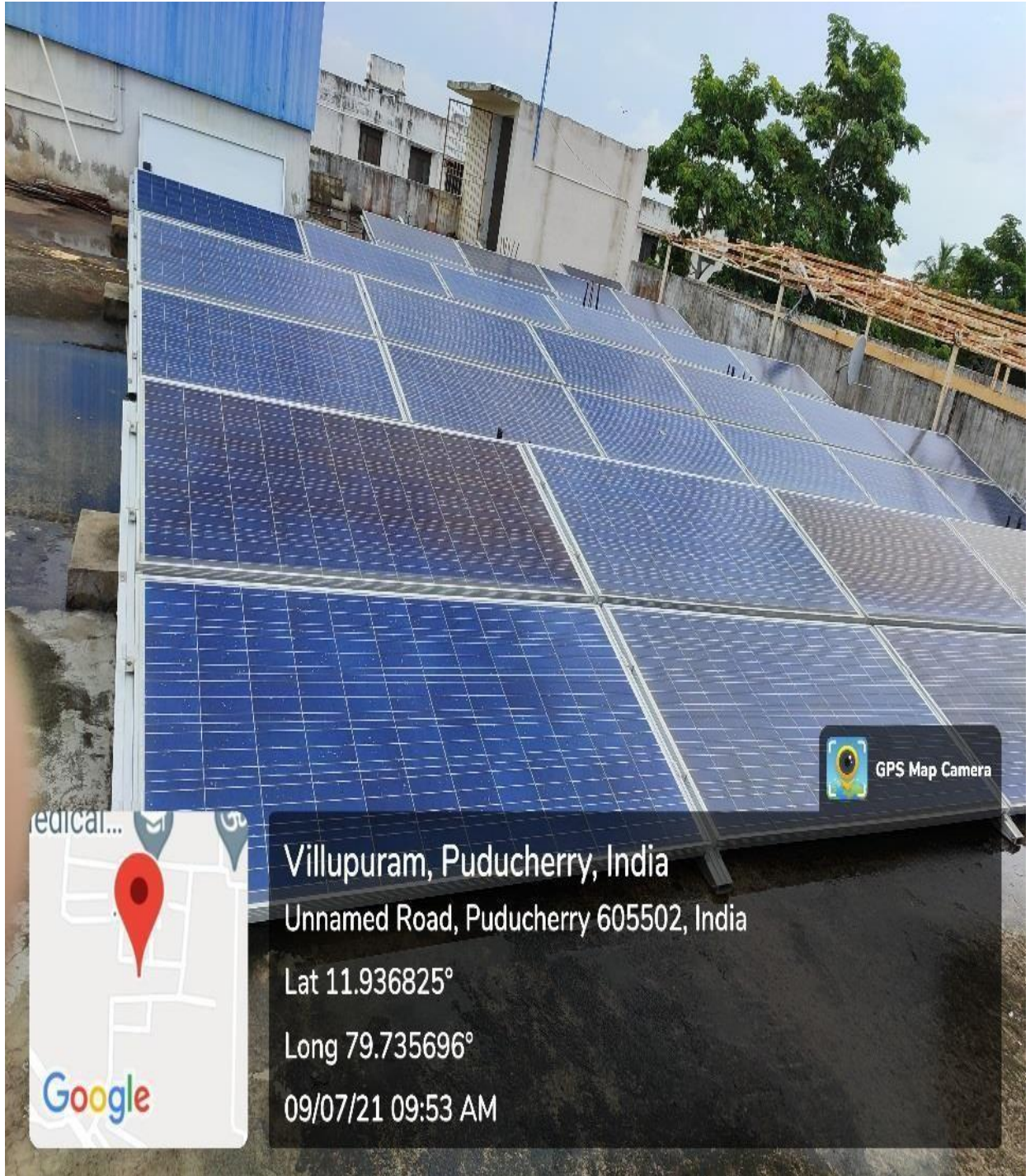
4.Sensor-based energy conservation

5.Use of LED bulbs/ Power Efficient Equipment

**Bharath Institute of Higher
Education & Research**

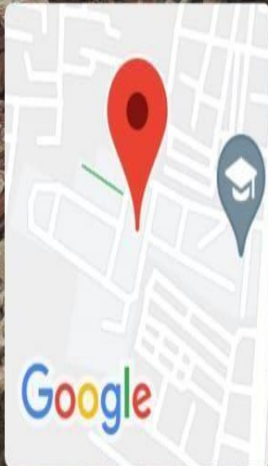
1.Solar Energy

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

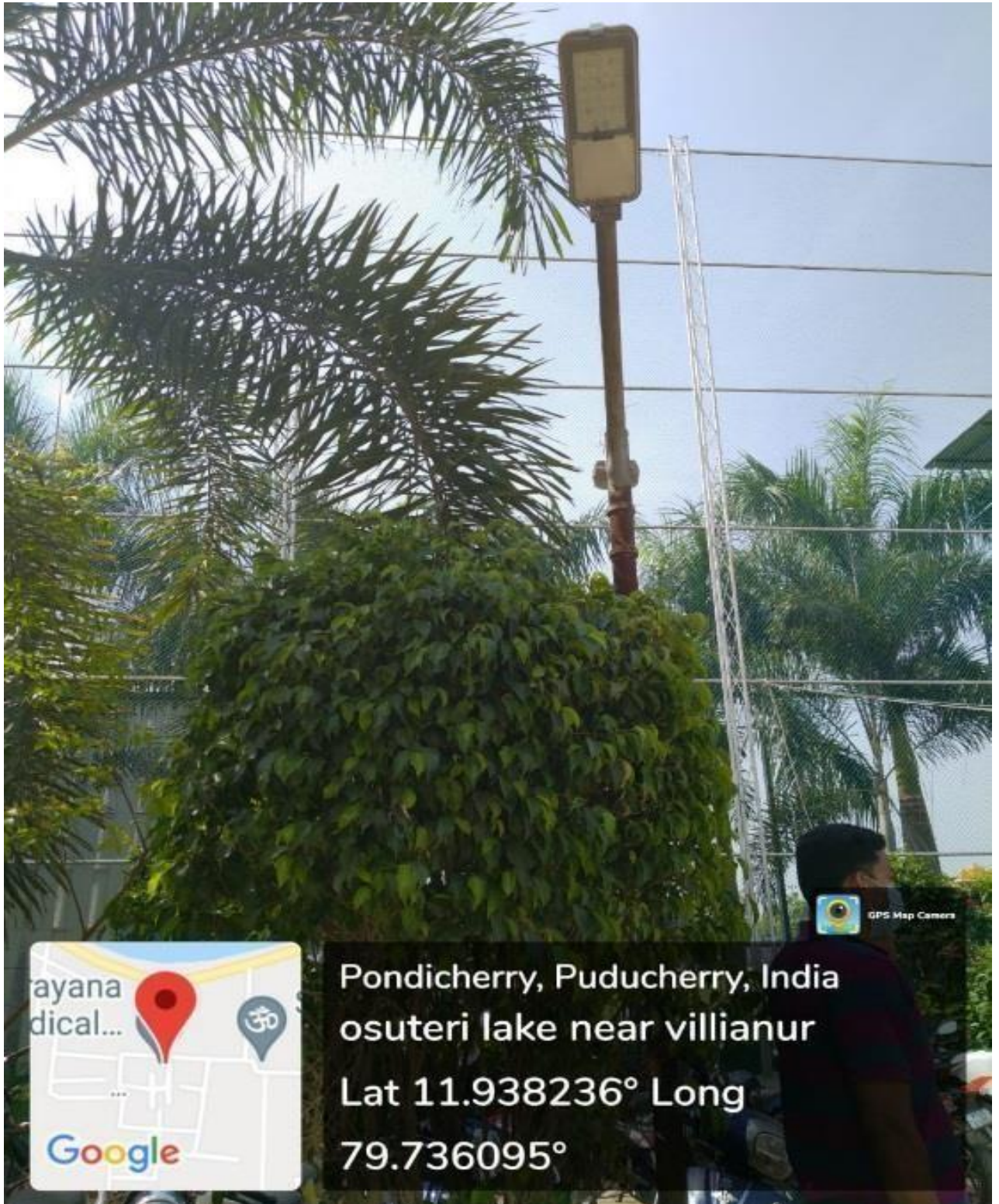


Unnamed Road, Tiruvanchery, Tambaram,
Chennai, Tamil Nadu 600126, India
Latitude **12.895273°** Longitude **80.143072°**
LOCAL 16:10:38 THURSDAY 07.15.2021
GMT 10:40:38 ALTITUDE 33 METER



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**



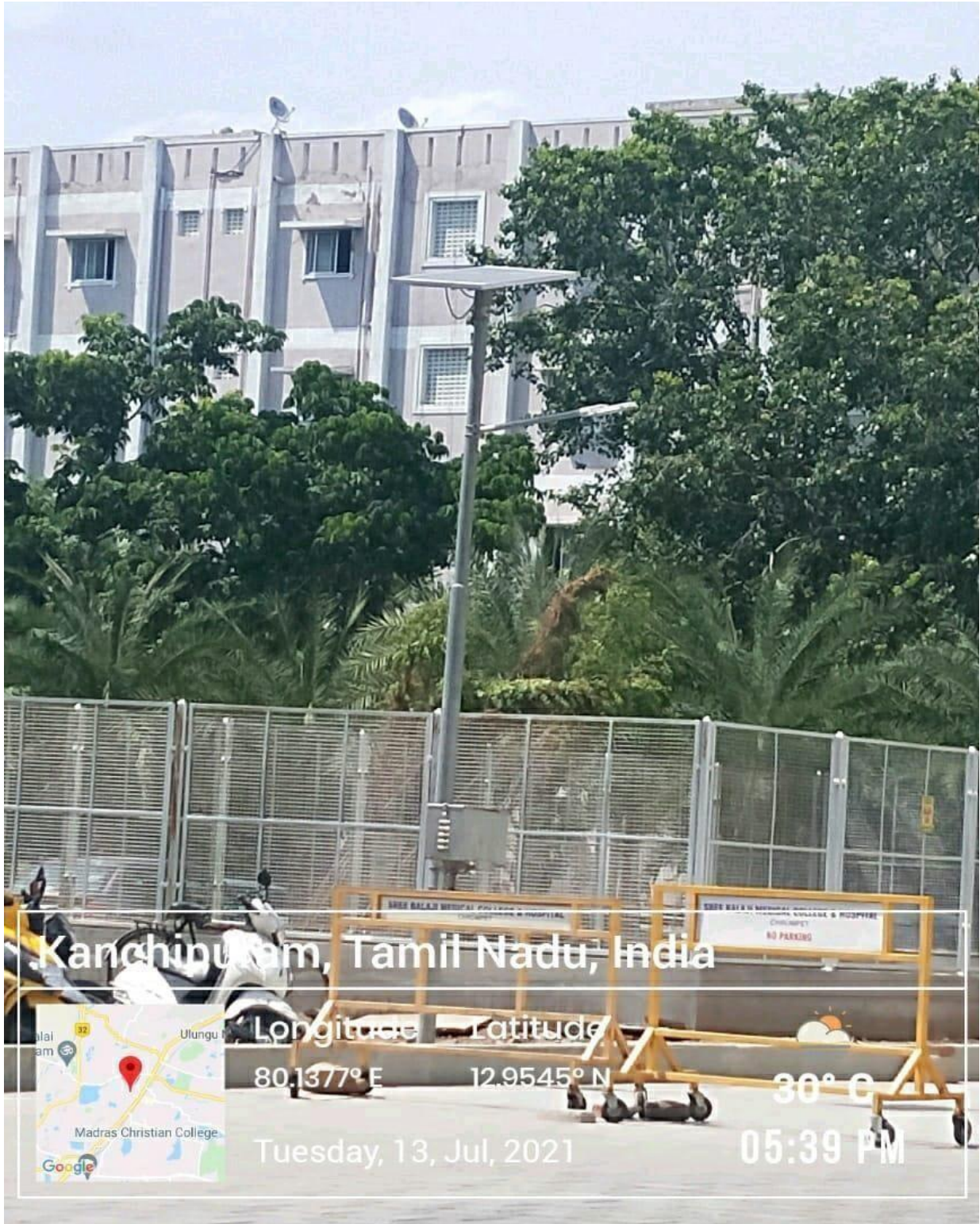
Pondicherry, Puducherry, India
osuteri lake near villianur
Lat 11.938236° Long
79.736095°

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

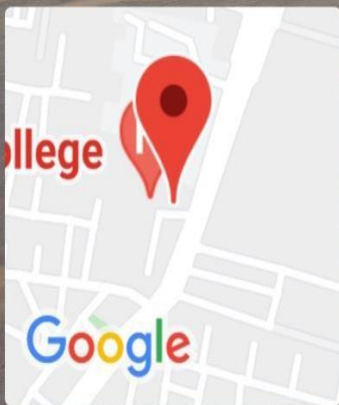
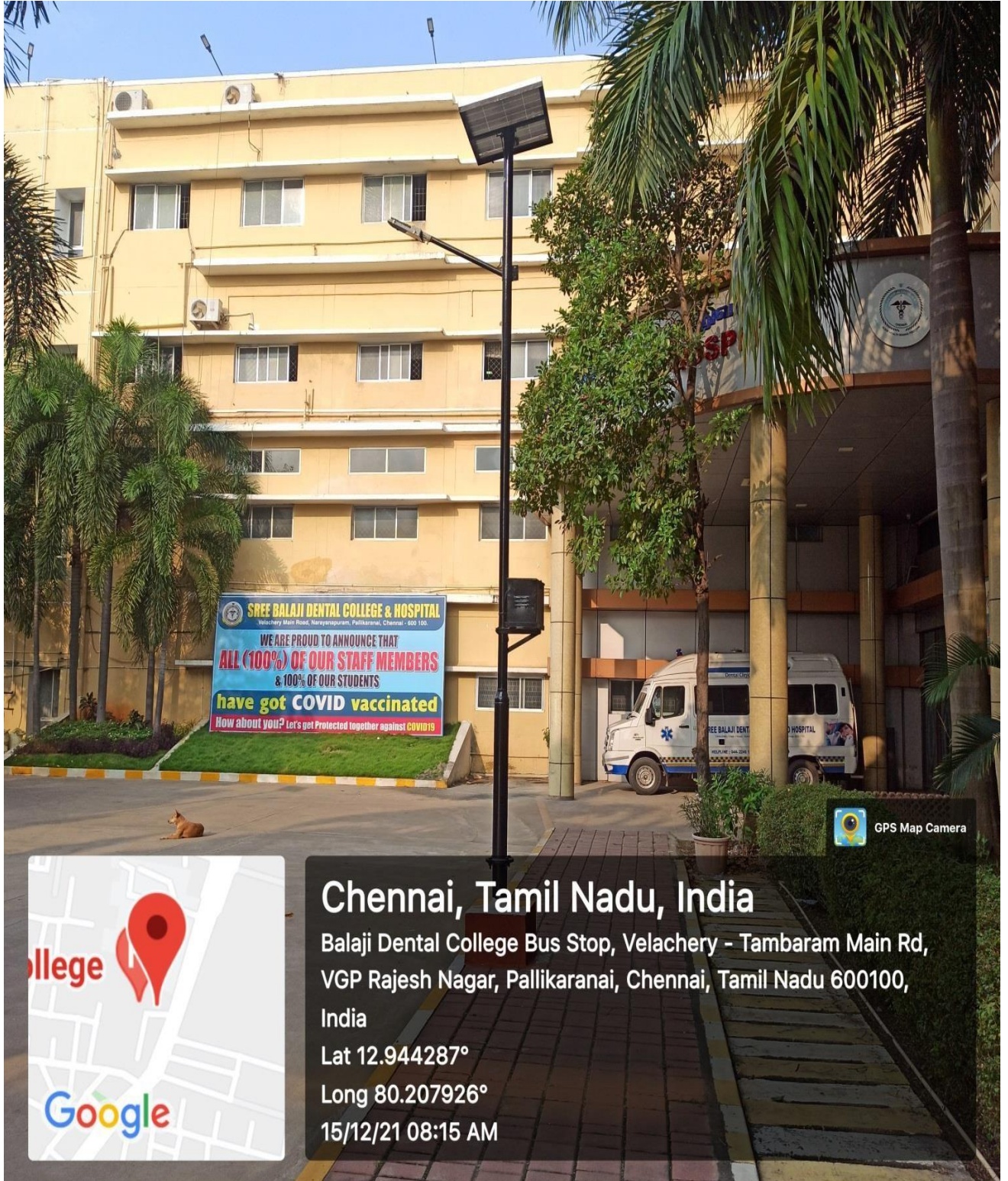




**Power Efficient Solar Campus Lamps & Sensor Based @Sree
Balaji Medical College & Hospital-SBMCH**



**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

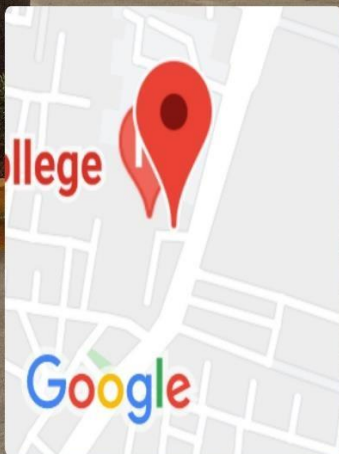
Lat 12.944287°

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

Lat 12.908101°

Long 80.140326°

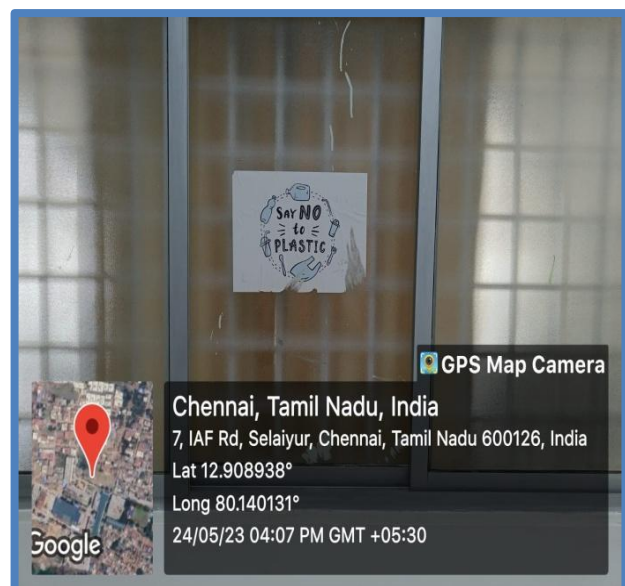
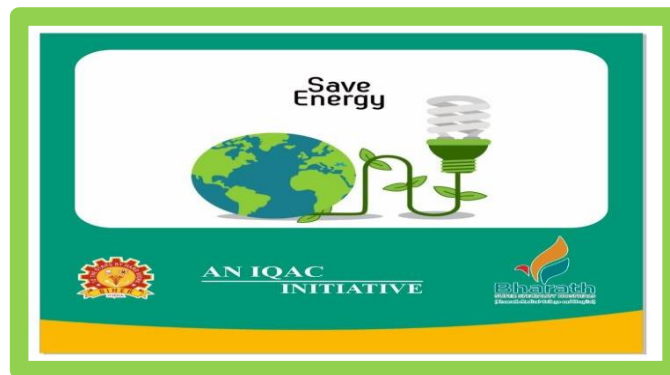
22/07/21 03:14 PM

Solar Energy @ Bhaarith medical college and hospital

Automated water level controllers



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



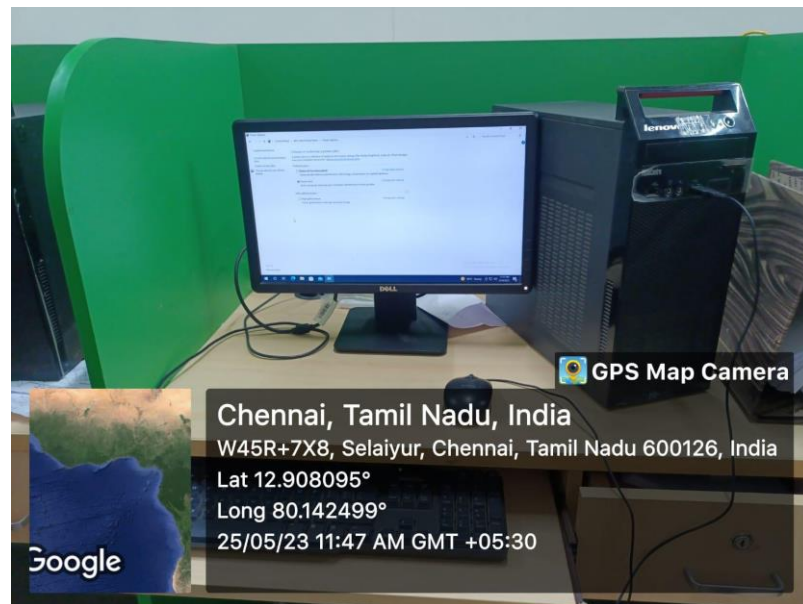
Solar Energy @Sree Balaji College of Nursing



BATTERY OPERATED VEHICLES

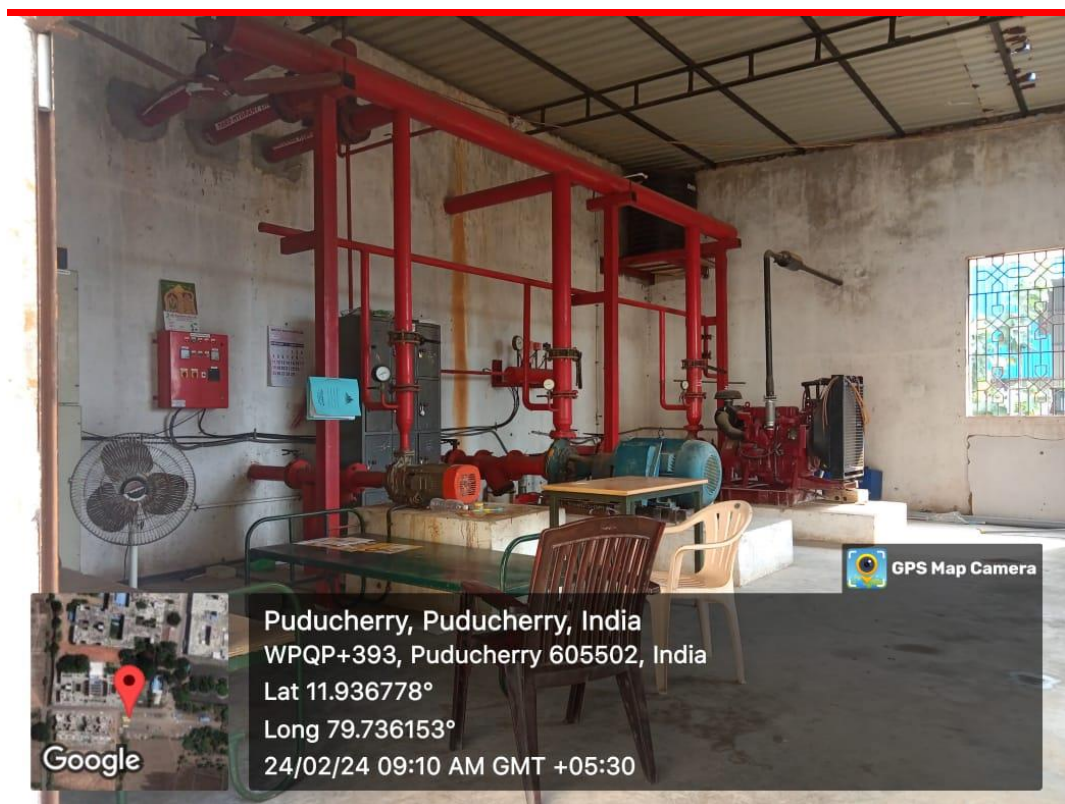


POWER SAVING MODE OPERATION OF COMPUTERS



2.BIOGAS PLANT

Sri Lakshmi Narayana Institute of Medical Sciences-SLIMS







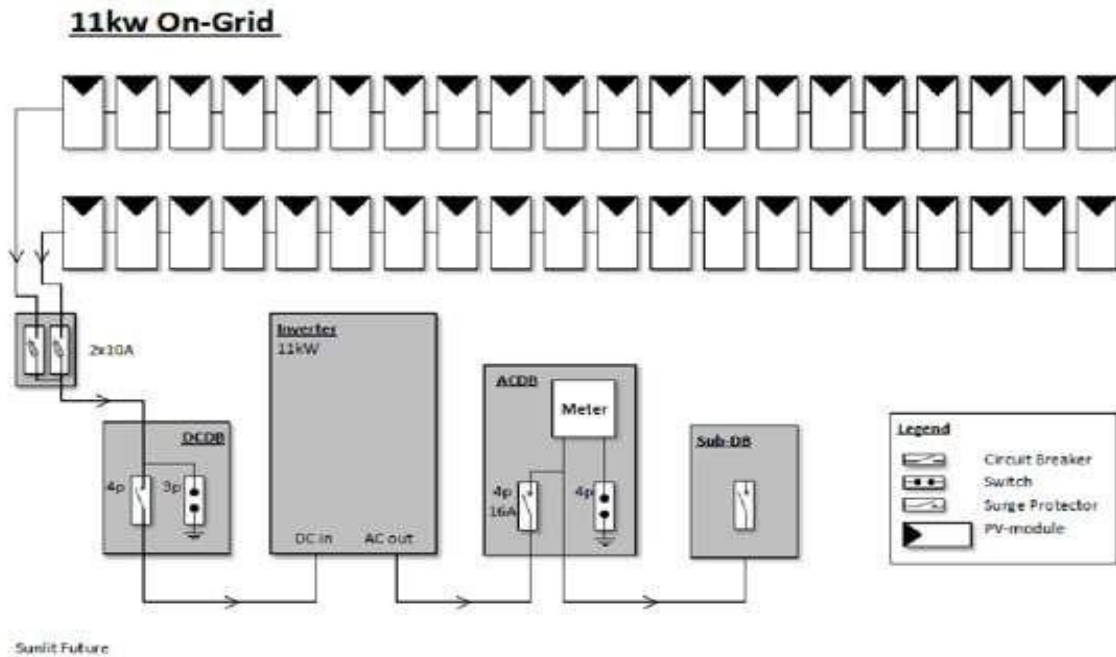
Puducherry, Puducherry, India
WPQP+393, Puducherry 605502, India
Lat 11.936597°
Long 79.736107°
24/02/24 09:06 AM GMT +05:30

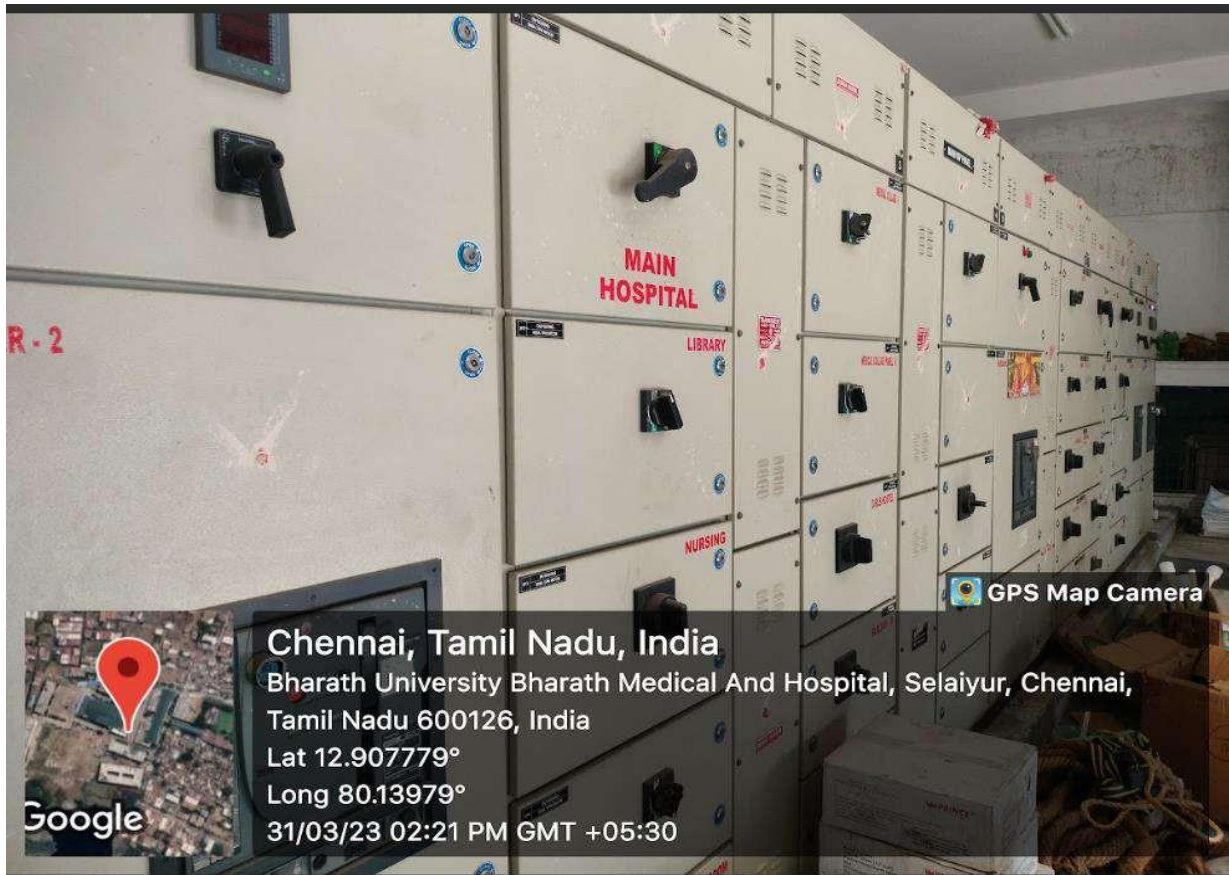


Puducherry, Puducherry, India
WPQP+393, Puducherry 605502, India
Lat 11.936626°
Long 79.735793°
24/02/24 09:08 AM GMT +05:30

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



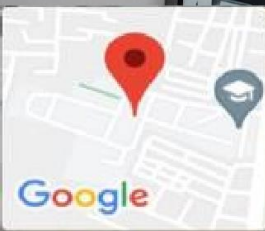
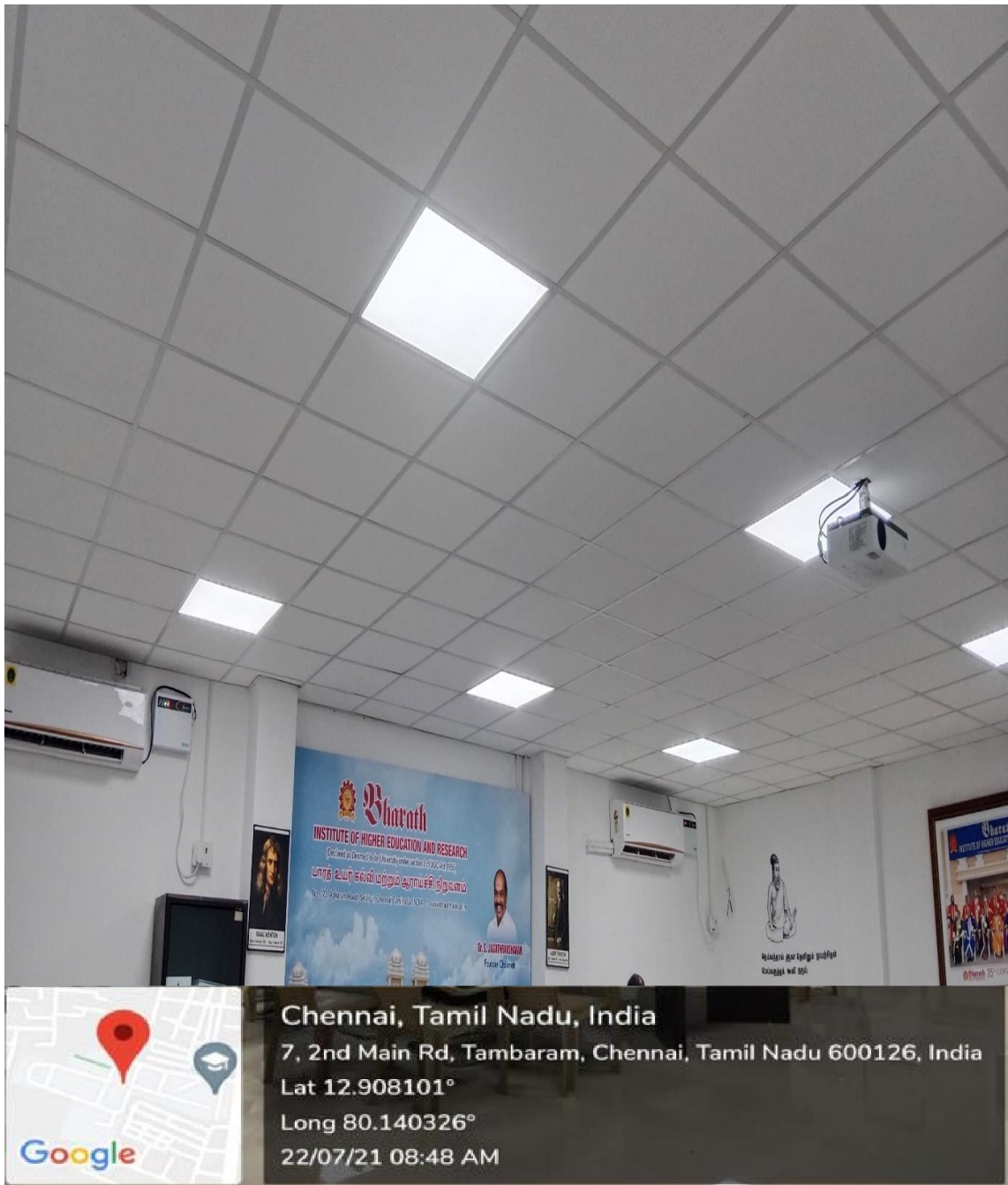


4.Sensor-Based Energy Conservation
&Power Efficient Equipment

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

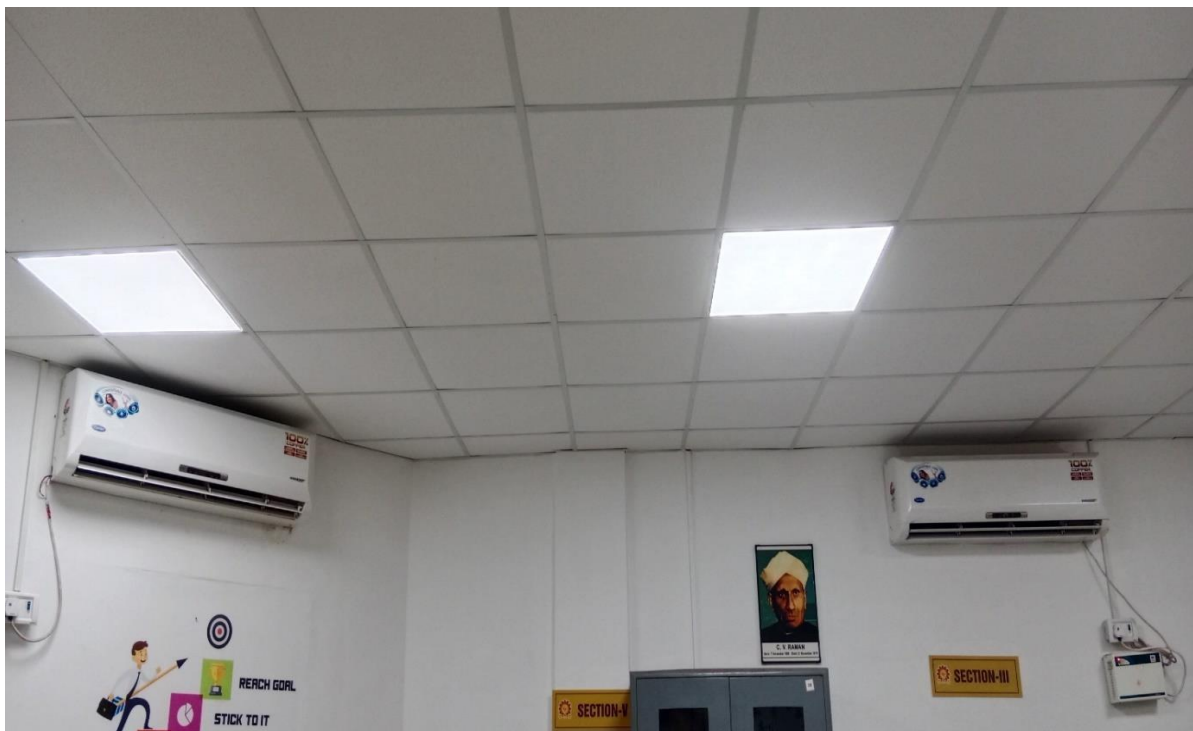


@ Placement Office – BIHER

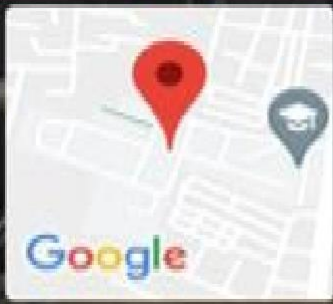


Chennai, Tamil Nadu, India
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126,
India
Lat 12.908101°
Long 80.140326°
23/07/21 03:23 PM

@ IOAC Office BIHER



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

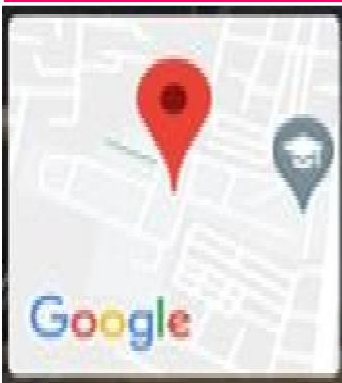


Chennai, Tamil Nadu, India
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126,
India
Lat 12.908101°
Long 80.140326°
23/07/21 03:23 PM



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

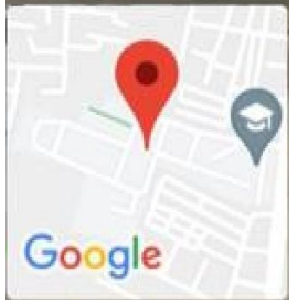
NAME	DESIGNATION	CONTACT
Mr. R. GOKUL CHANDER	Director Placement	(9176722253)
Mr. B. SENTHIL KUMAR	Placement Officer	(7806946080)
Mr. S. SURESH	Asst.Placement Officer	(9962053500)
Mr. BHARATH KUMAR	Training Manager	(9940215006)
Mr. V. SATHEESH KUMAR	Placement Coordinator	(8015142565)
Mr. VASANTH IYAPPAN	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

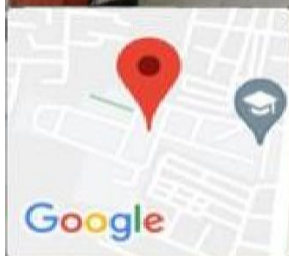


A Passive Infrared Sensor - PIR Motion Sensor Based Smart Security Cameras to Detect Movement and Day & Night capture @ Entire BIHER Campus & Virtual Monitoring cum Security Tracking System



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

@ Pro Vice-Chancellor Academics Office –BIHER



Chennai, Tamil Nadu, India

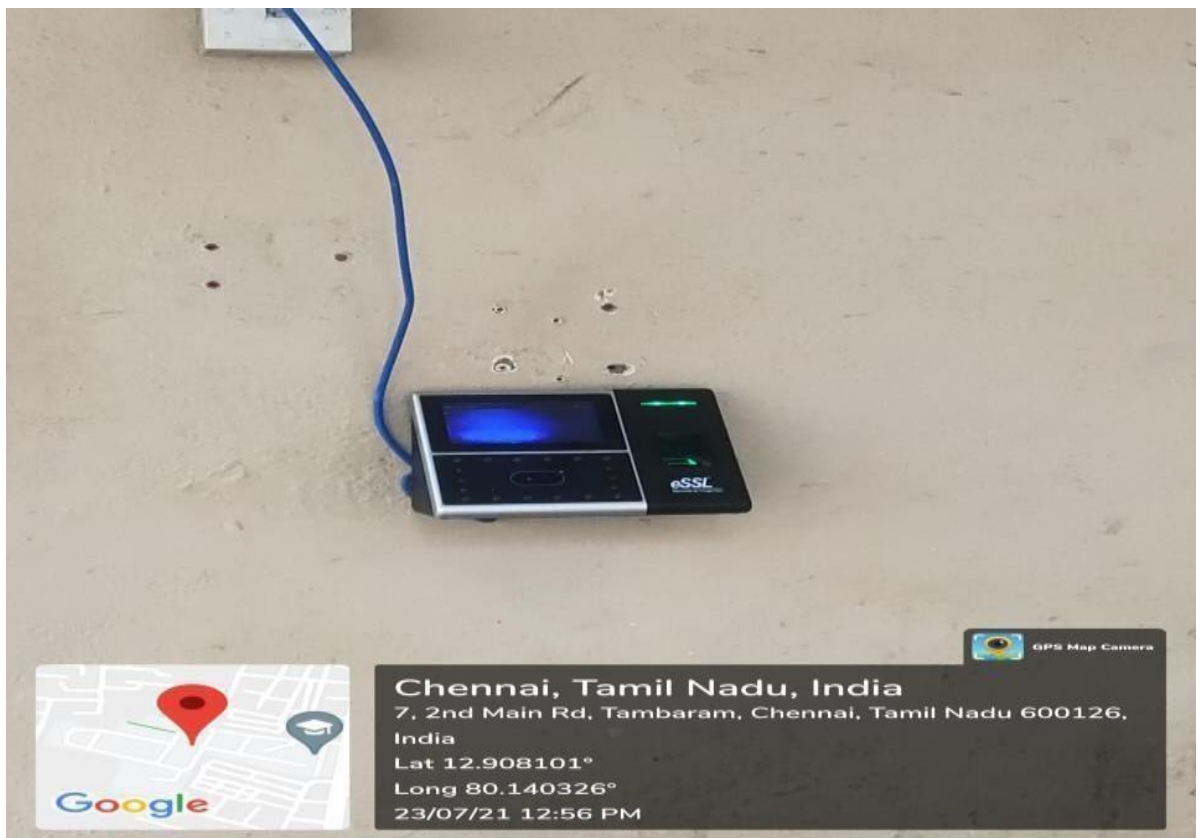
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

Lat 12.908101°

Long 80.140326°

22/07/21 08:48 AM

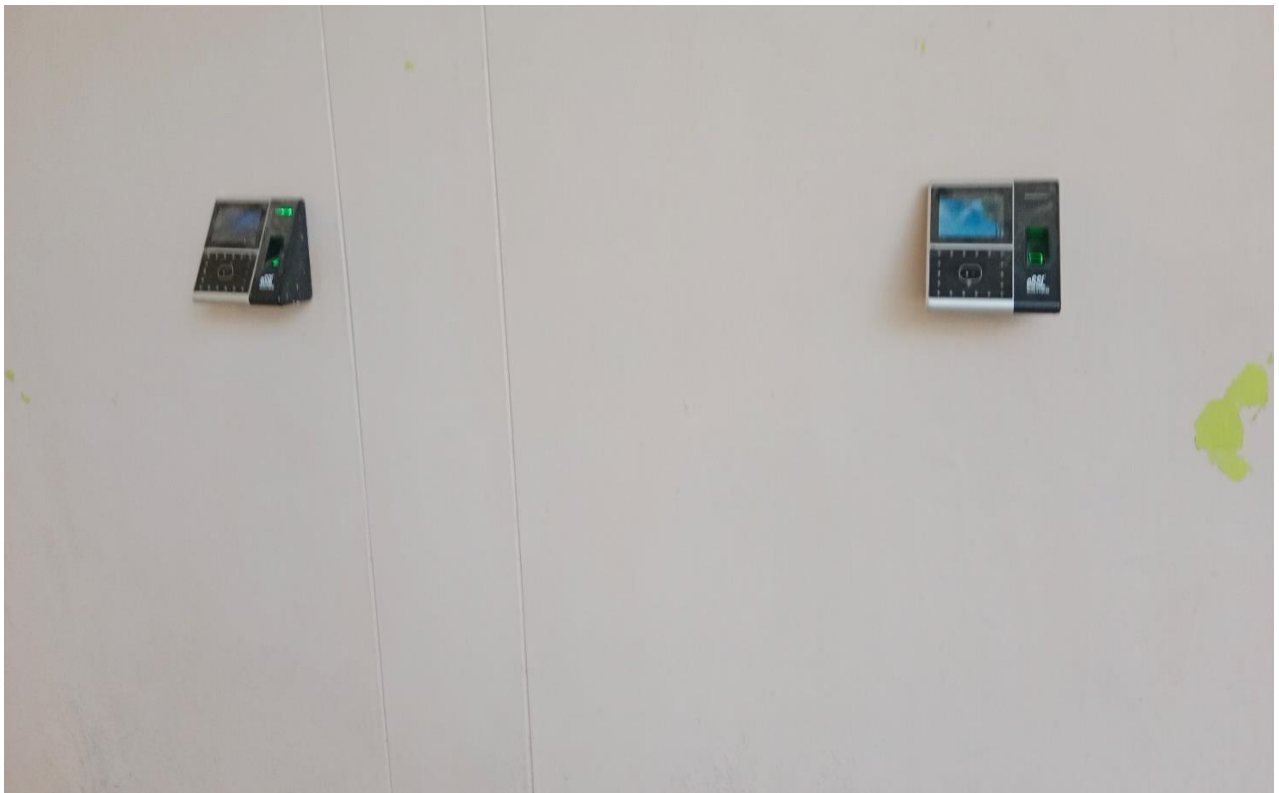
Sensor Based-Energy Efficient Physiological & Behavioural Smart Biometrics @ BIHER Entrance



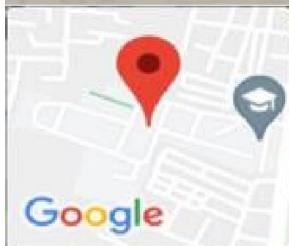
Sensor Based-Energy Efficient Physiological & Behavioural Smart Biometrics @ BIHER Office



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

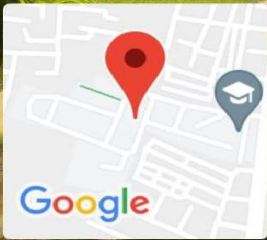
Multi-function all in one Priter cum Scanner [IR AVD DX 6755]

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



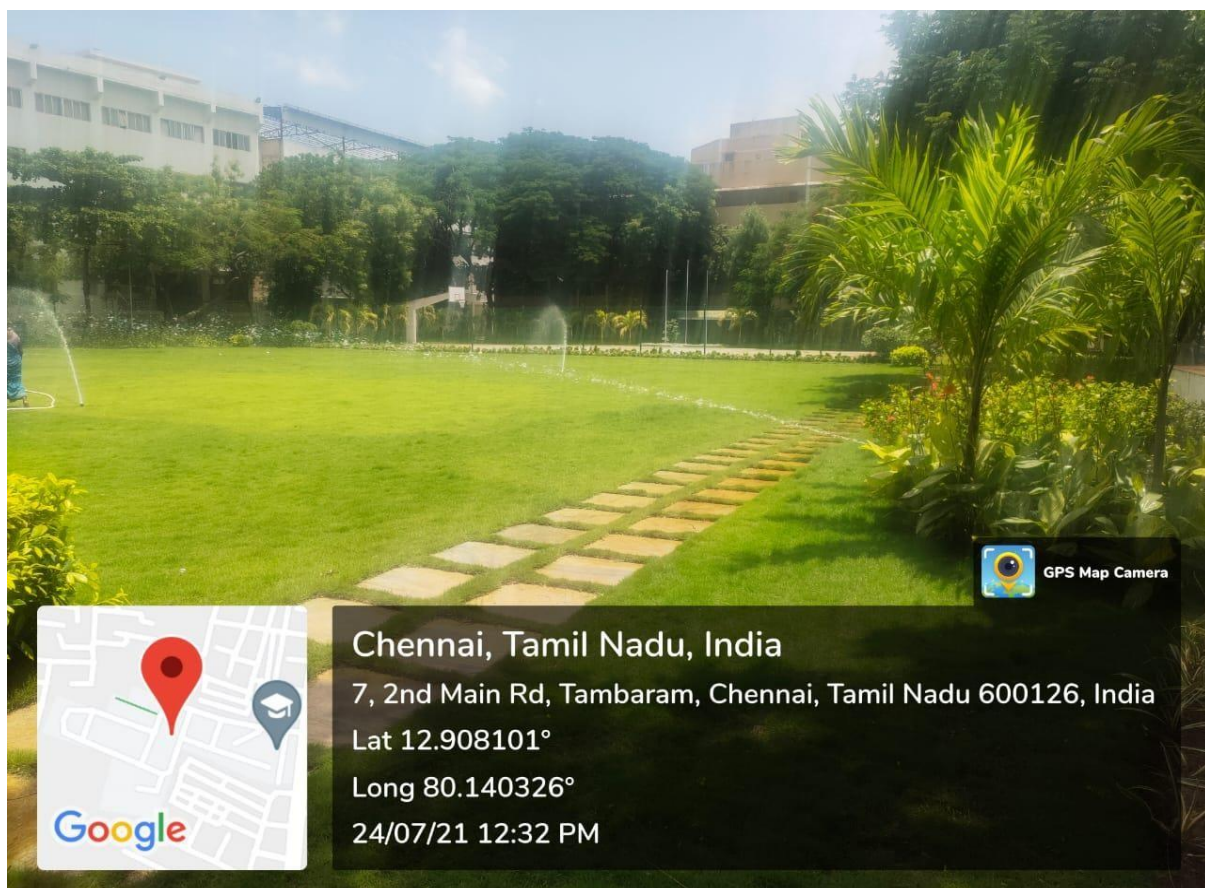
Chennai, Tamil Nadu, India
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India
Lat 12.908101°
Long 80.140326°
24/07/21 12:32 PM



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

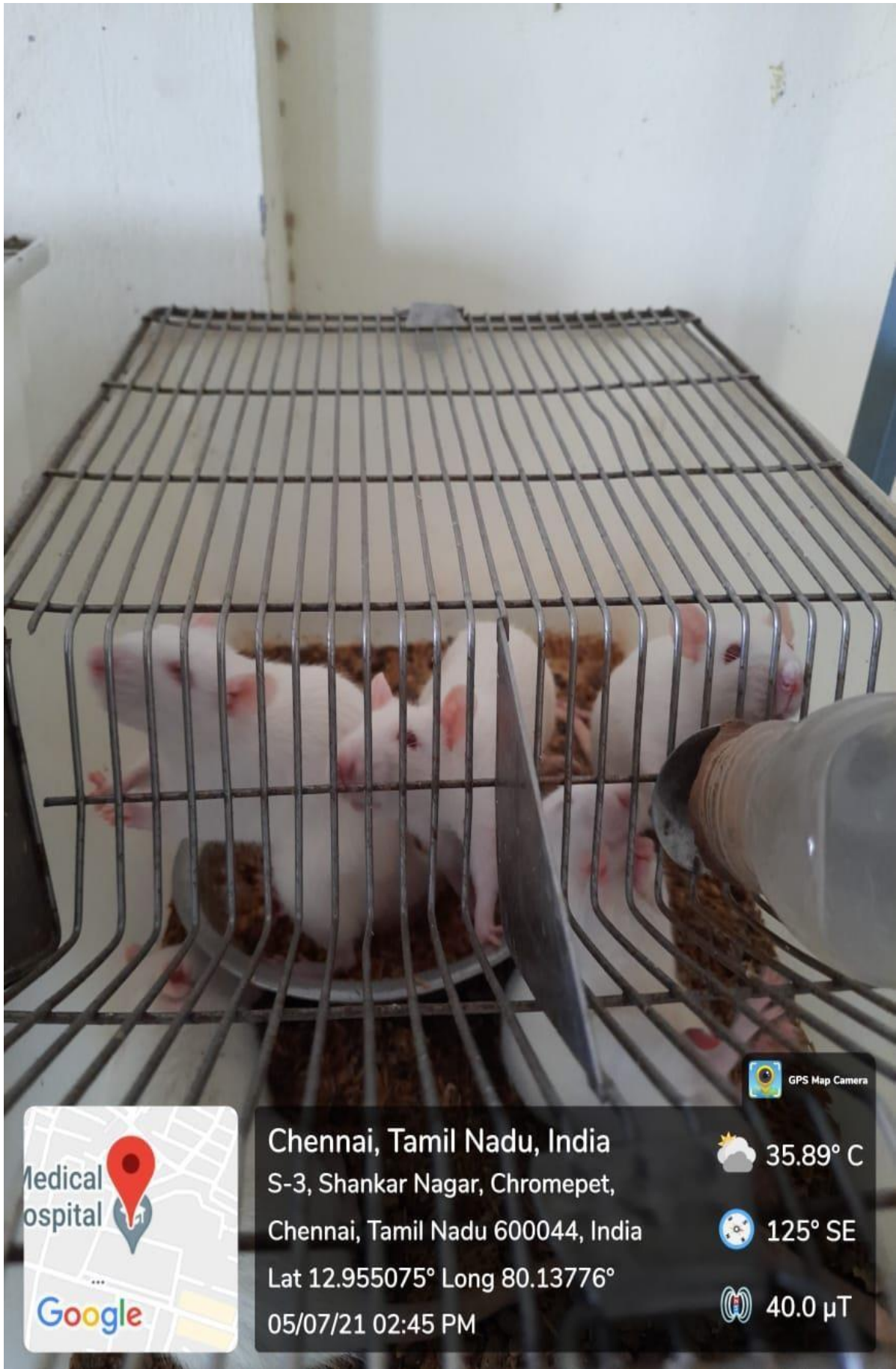


Water Level Sensor based Auto Filling Water Tanks @ SLIMS



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

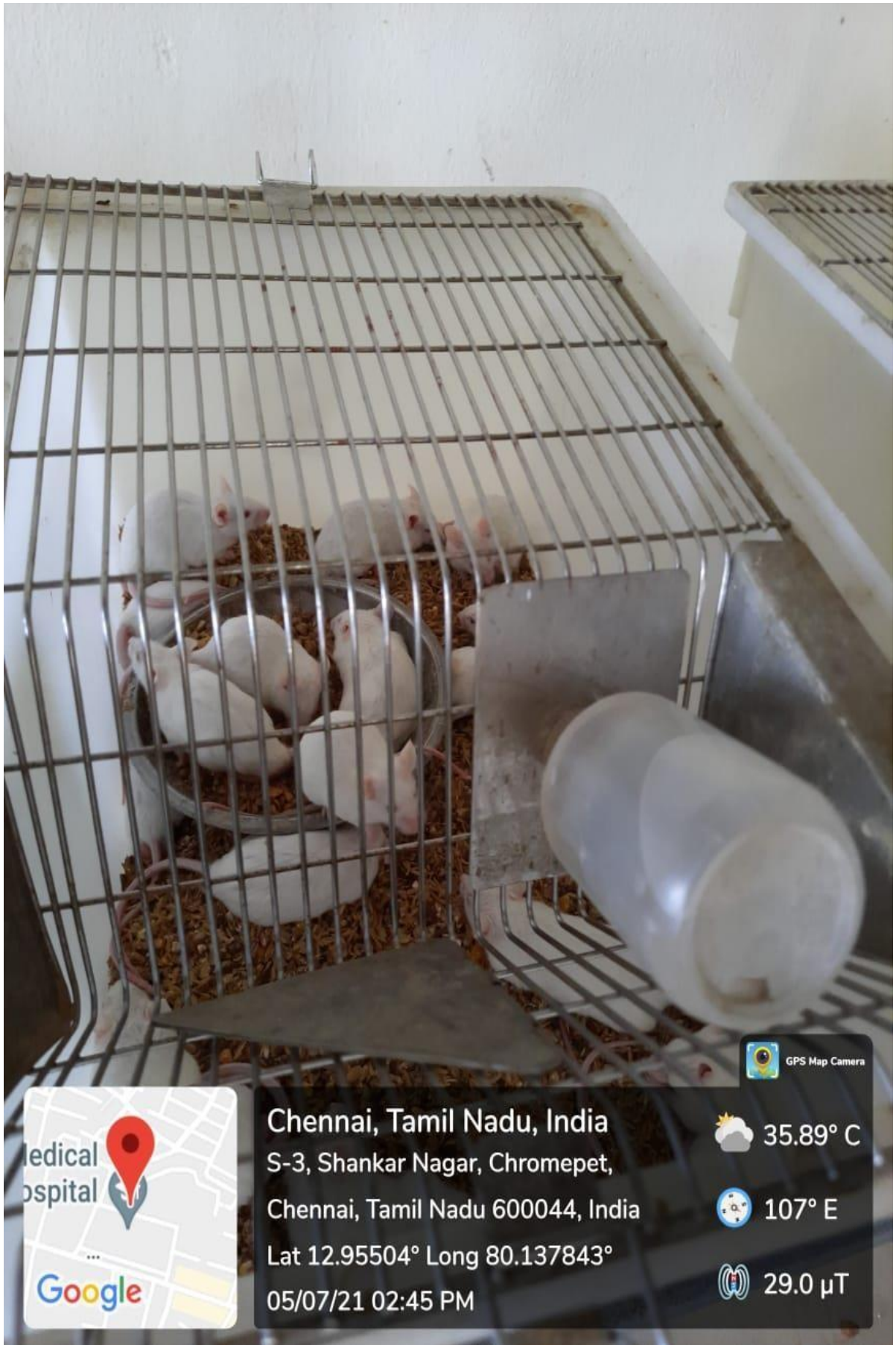




Chennai, Tamil Nadu, India
S-3, Shankar Nagar, Chromepet,
Chennai, Tamil Nadu 600044, India
Lat 12.955075° Long 80.13776°
05/07/21 02:45 PM



☁️ 35.89° C
🌐 125° SE
📶 40.0 μT



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 μ 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

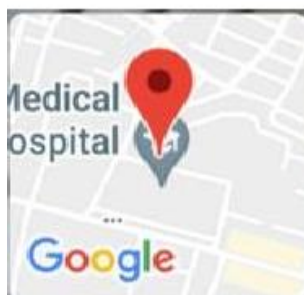


359° N




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



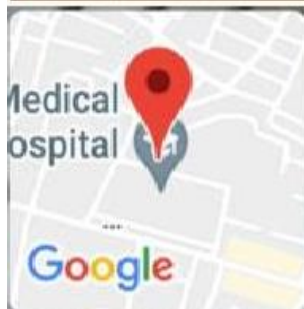
Chennai, Tamil Nadu, India
S-3, Shankar Nagar, Chromepet,
Chennai, Tamil Nadu 600044, India
Lat 12.955075° Long 80.13776°
05/07/21 02:45 PM

 35.89° C

 125° SE


 40.0 μ 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 μ T

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

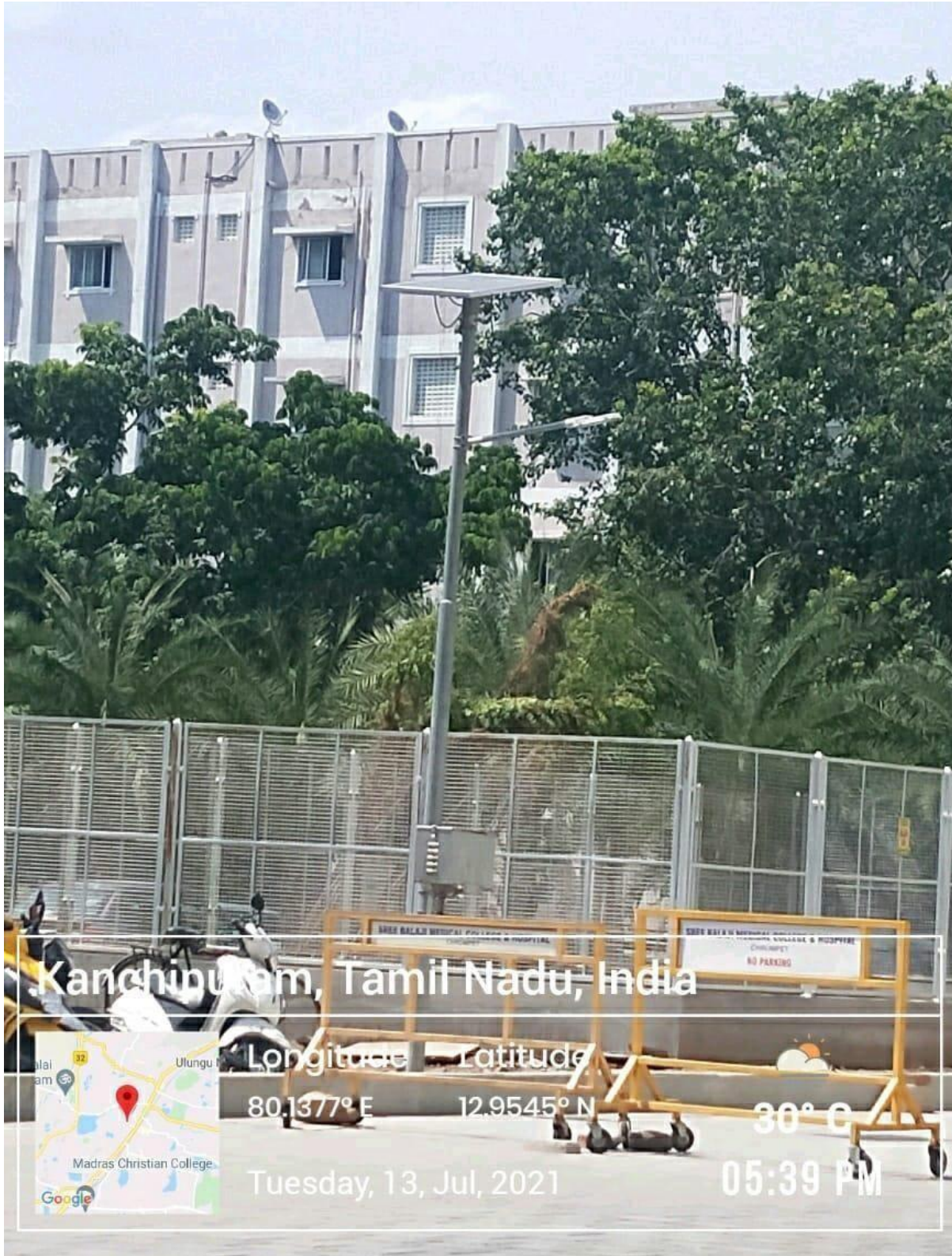


**Power Efficient & Sensor Based Automatic SolarStreet
Lamps @ SLIMS Campus
Sri Lakshmi Narayana Institute of Medical Sciences**





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

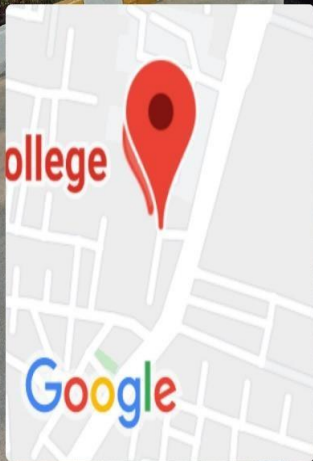


Power Efficient Solar Street Lamps & Sensor Based
@SBDCH Campus Sree Balaji Dental College & Hospital





GPS Map Camera



Chennai, Tamil Nadu, India

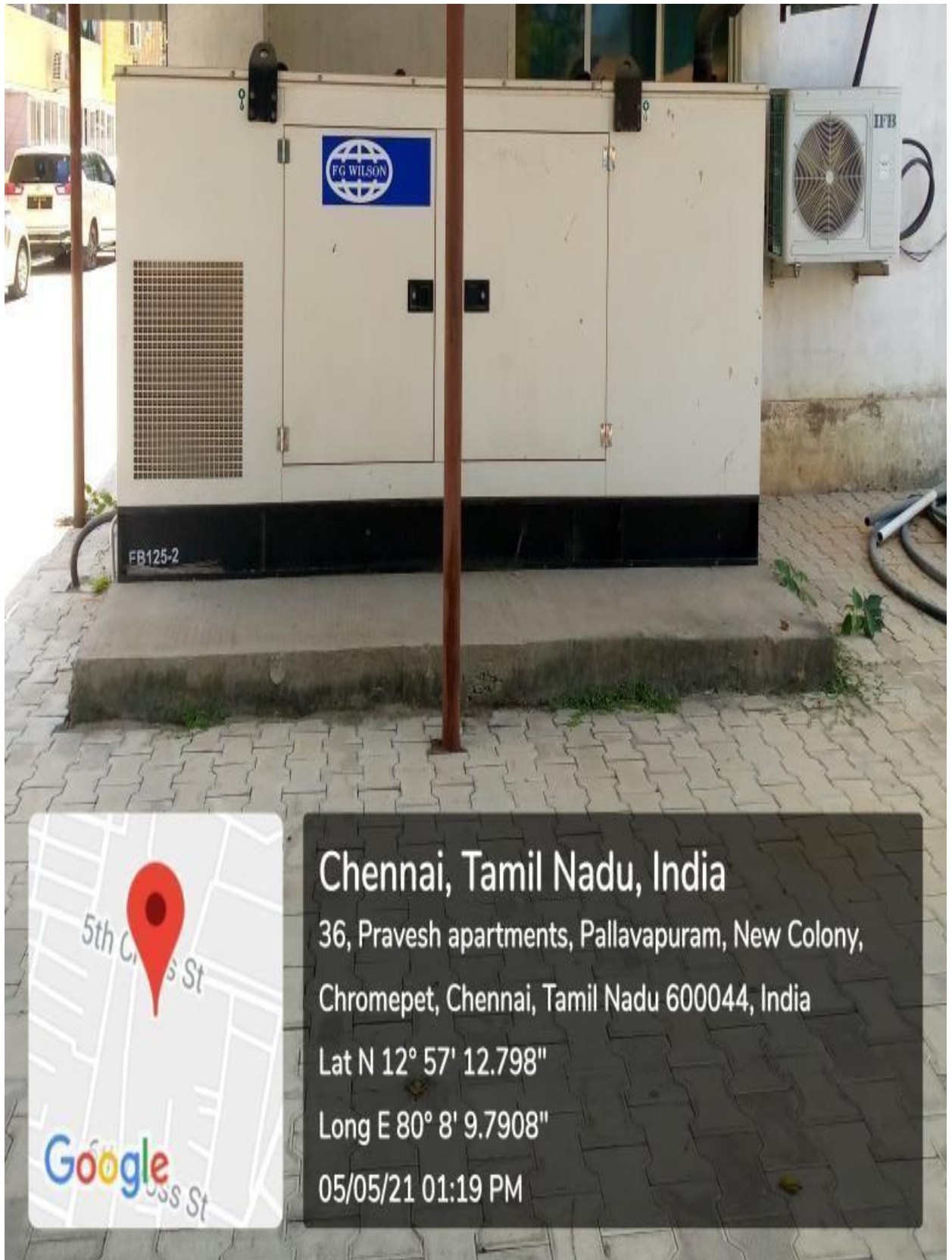
**MAIN BLOCK, BALAJI DENTAL COLLEGE, VGP Rajesh
Nagar, Pallikaranai, Chennai, Tamil Nadu 600129, India**

Lat 12.944203°

Long 80.207746°

15/12/21 08:17 AM

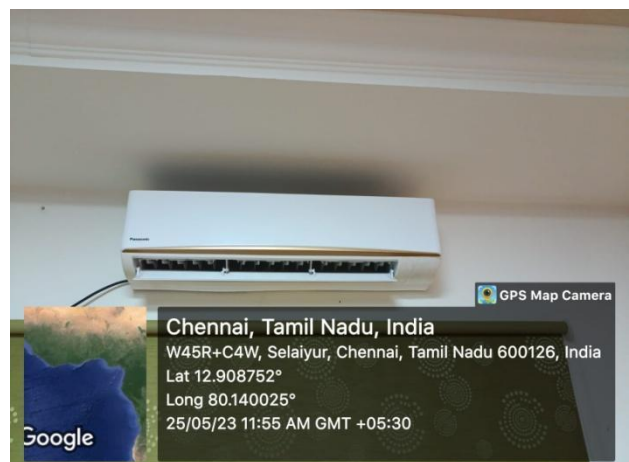
Energy Conservation-Generators @ School of Pharmacy Generator



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



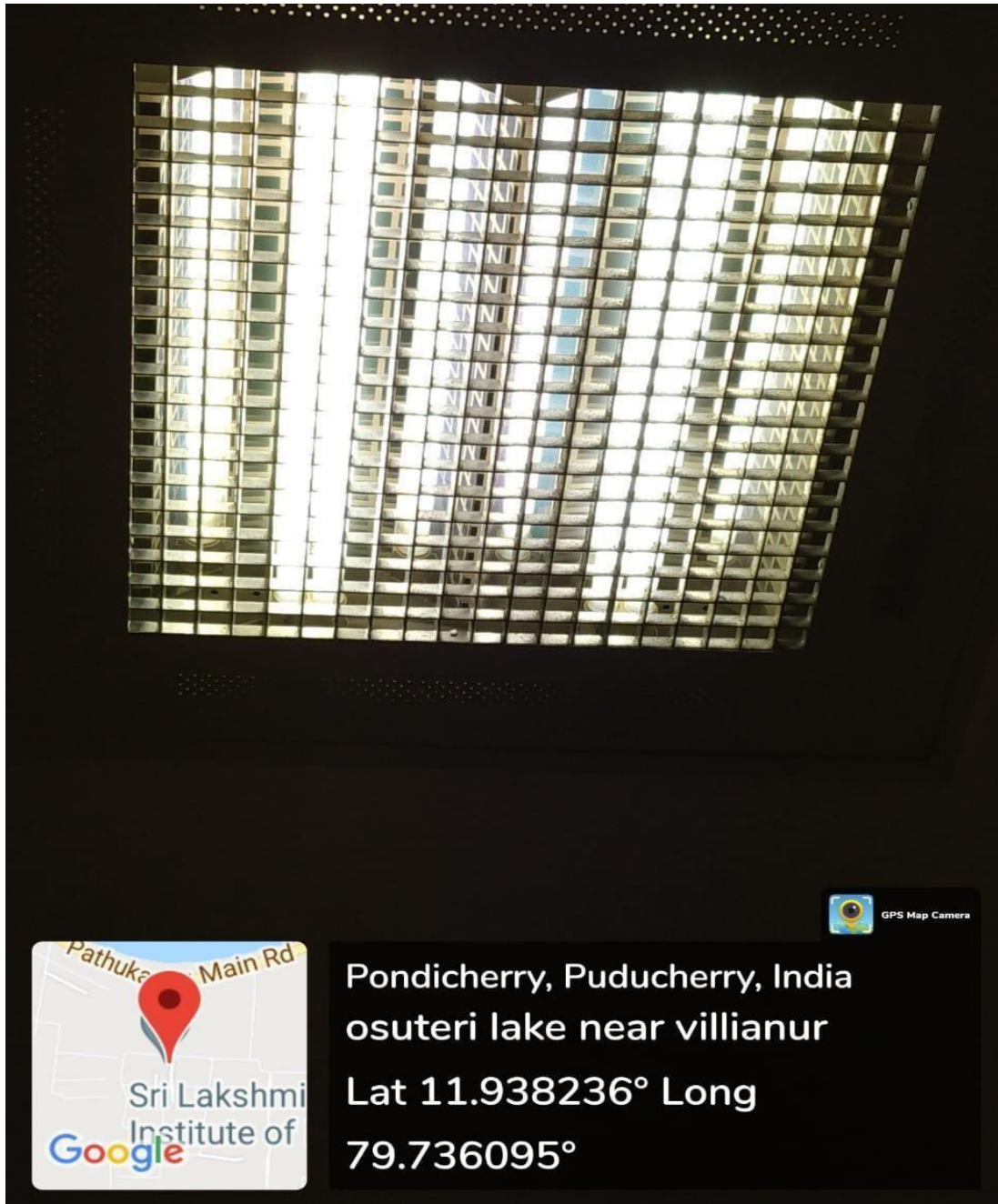
**Purchasing 5 Star Rated Energy Saving Equipments @Bhaarath Medical
College And Hospital**



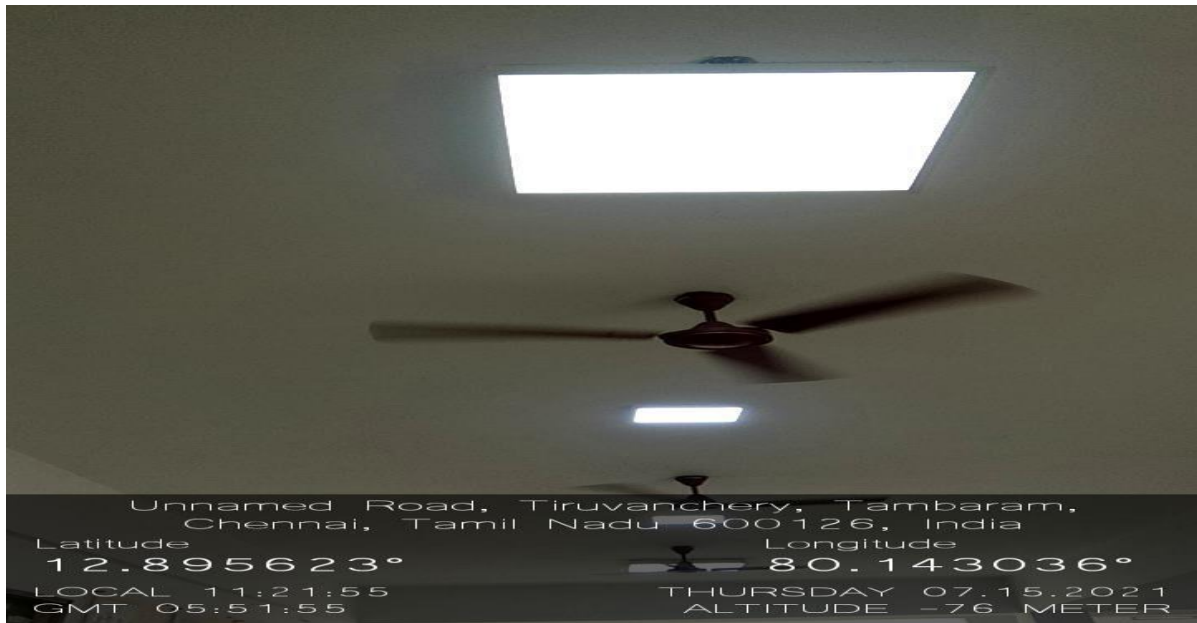
5. Use of LED Bulbs/Power Efficient Equipment

- ✓ **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**

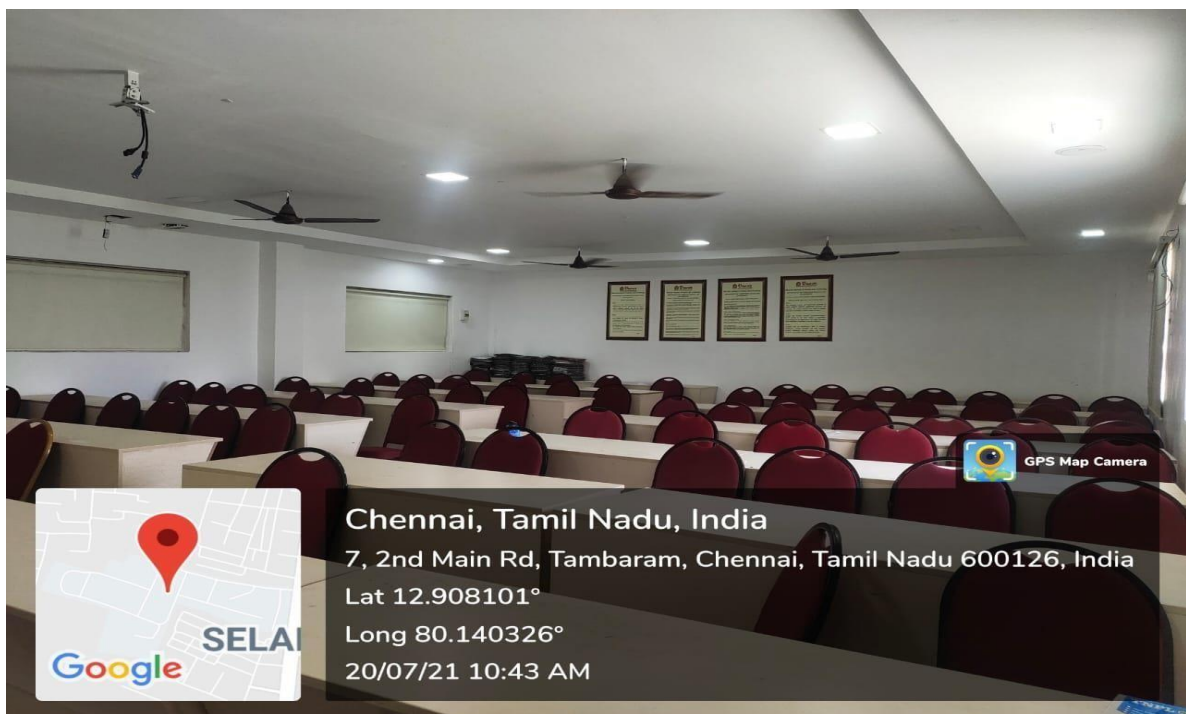
5. Use of LED Bulbs / Power Efficient Equipment Ceiling LED Strip Lamps @ SLIMS



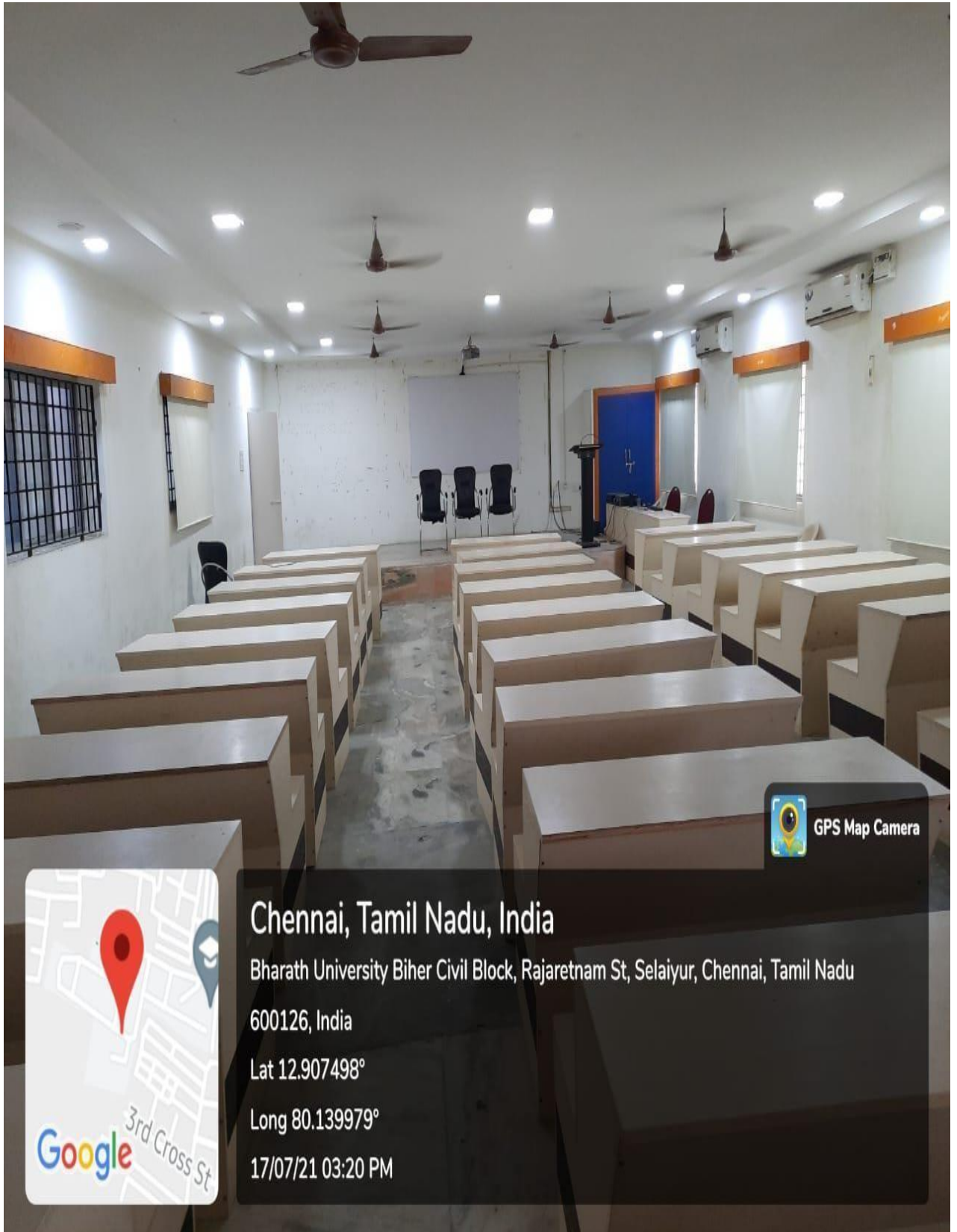
SCHOOL OF ARTS and SCIENCE - Energy SavingLEDs
Strip Lights in all Class Rooms



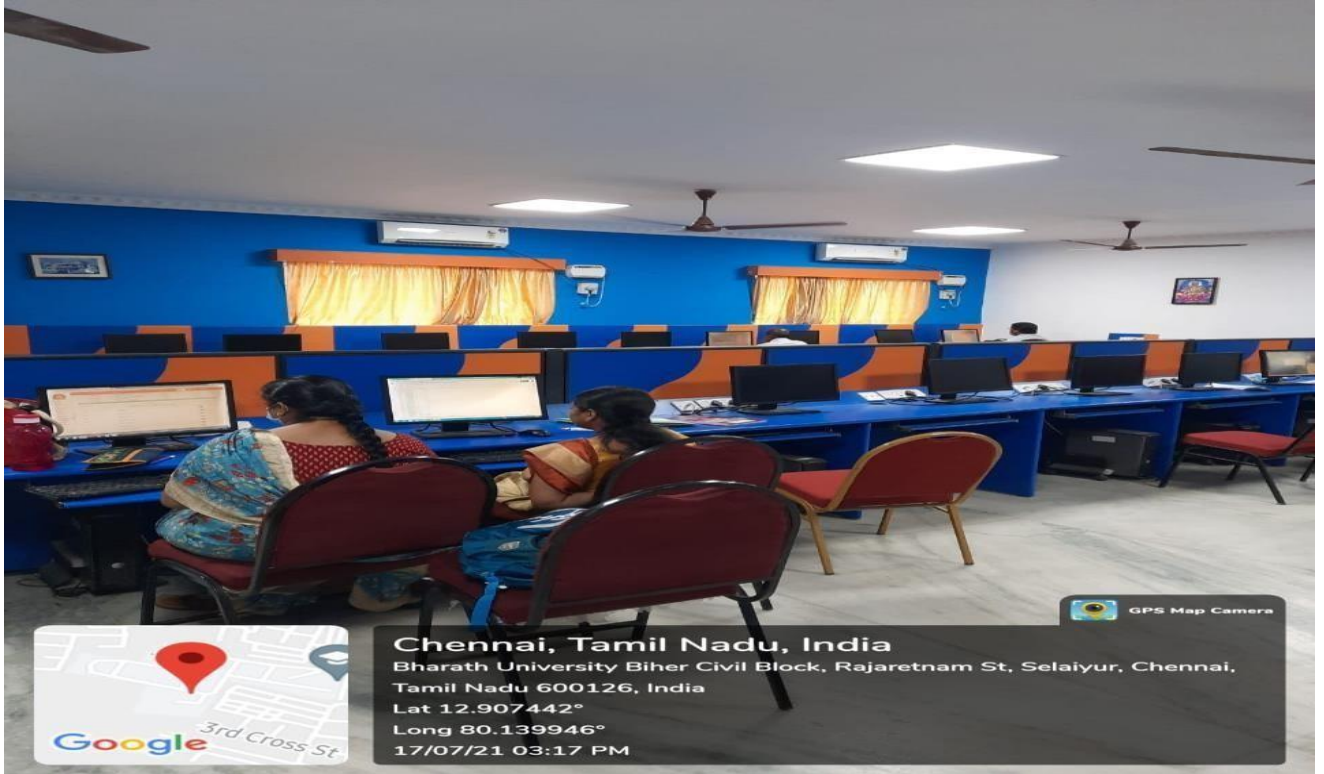
Bharath Institute of Science & Technology- Energy SavingLEDs
in ECE Smart Rooms



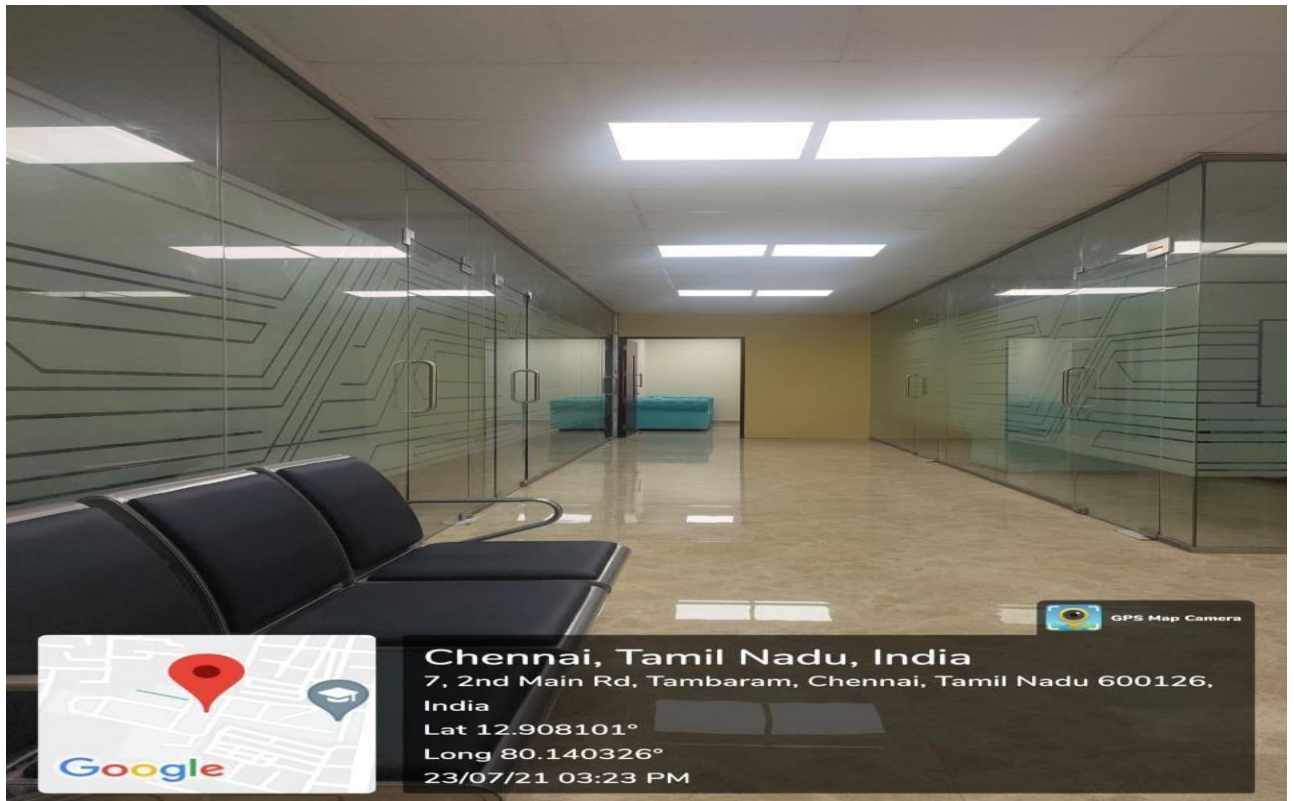
Energy Saving LEDs in Civil Smart Rooms @ BIST



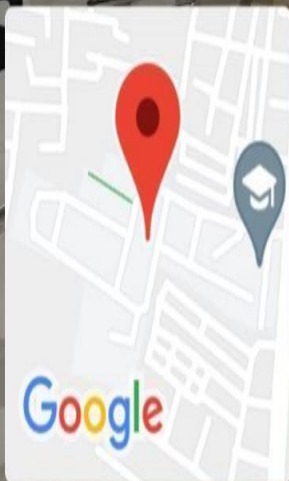
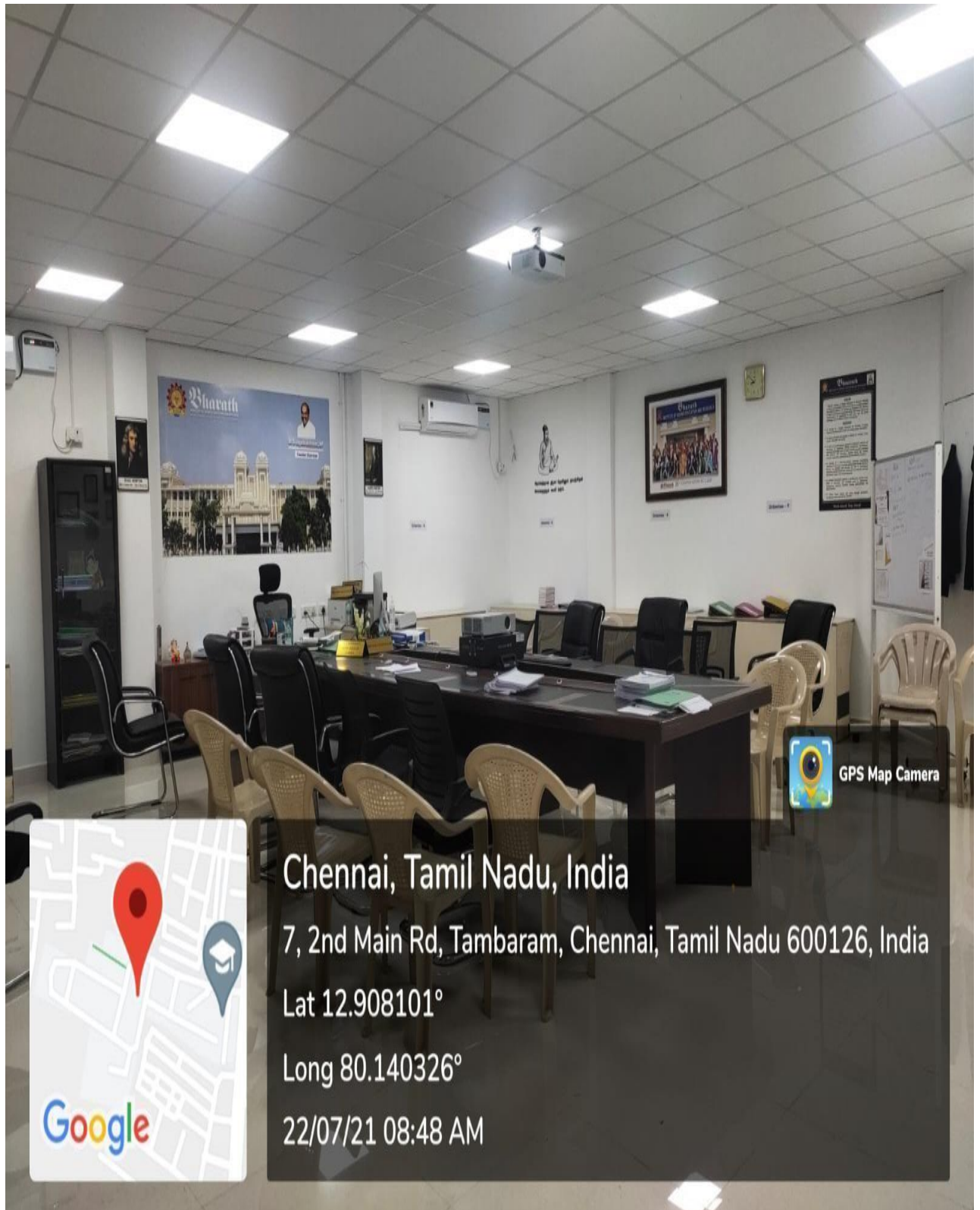
SMART ROOM @ BIST- IN CAD LABORATORY -LEDs



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

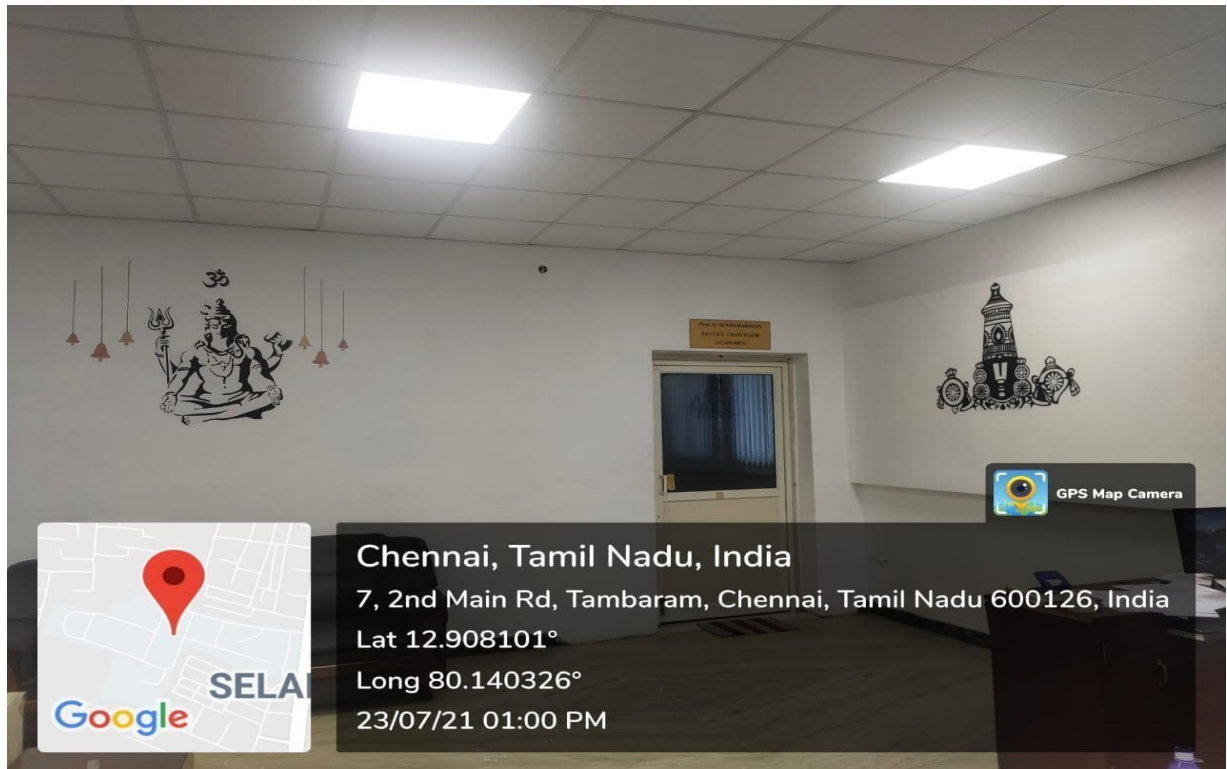
7, 2nd Main Rd, Tambaram, Chennai, Tamil Nadu 600126, India

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

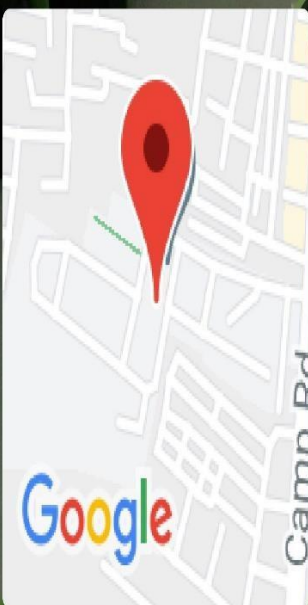




C# AND .NET
LABORATORY



GPS Map Camera



Chennai, Tamil Nadu, India

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

Lat 12.908087°

Long 80.1403°

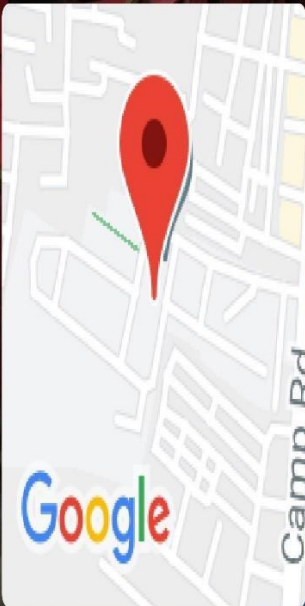
23/12/21 03:07 PM



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°

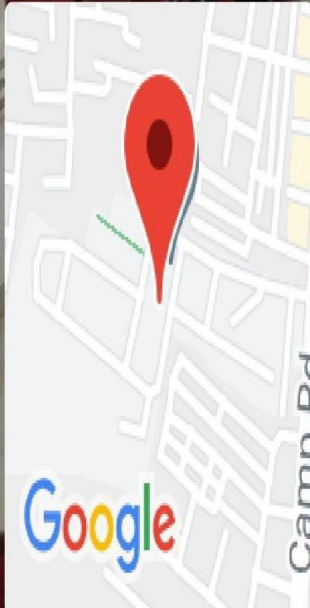
23/12/21 03:07 PM



SOFTWARE ENGINEERING LABORATORY
IN ASSOCIATION WITH

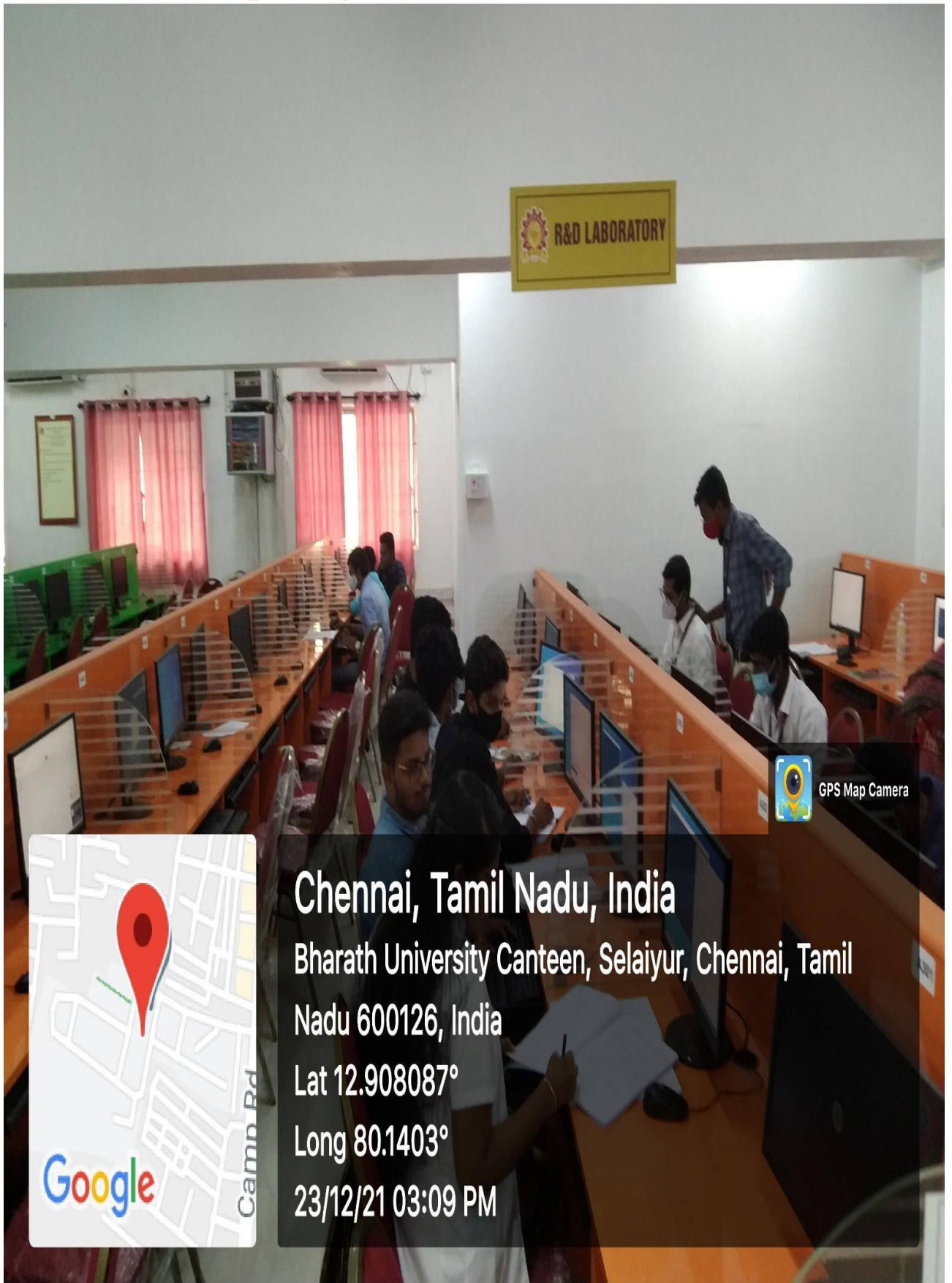


GPS Map Camera

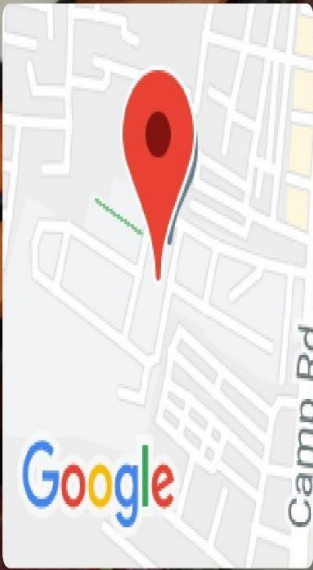


Chennai, Tamil Nadu, India
Bharath University Canteen, Selaiyur, Chennai, Tamil
Nadu 600126, India
Lat 12.908087°
Long 80.1403°
23/12/21 03:08 PM

School of Computing LAB Photos



R&D LABORATORY



Chennai, Tamil Nadu, India

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

Lat 12.908087°

Long 80.1403°

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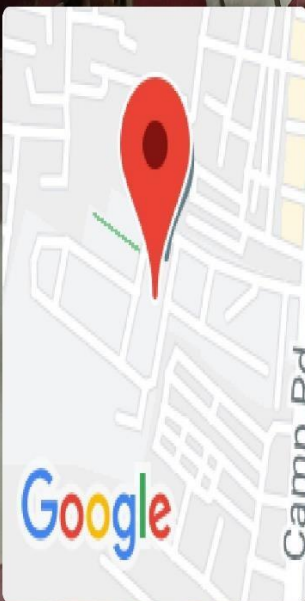
GPS Map Camera



DATA STRUCTURES & ALGORITHM
LABORATORY



GPS Map Camera



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

Lat 12.908087°

Long 80.1403°

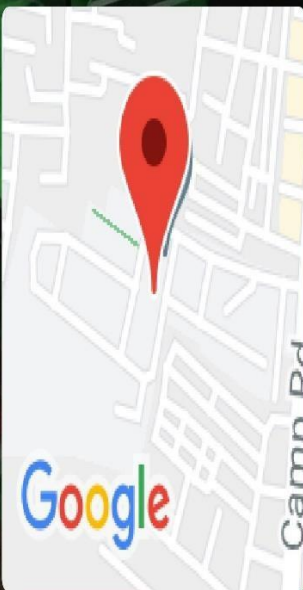
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**OBJECT ORIENTED
PROGRAMMING LAB**



GPS Map Camera



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Bharath University Canteen, Selaiyur, Chennai, Tamil

Nadu 600126, India

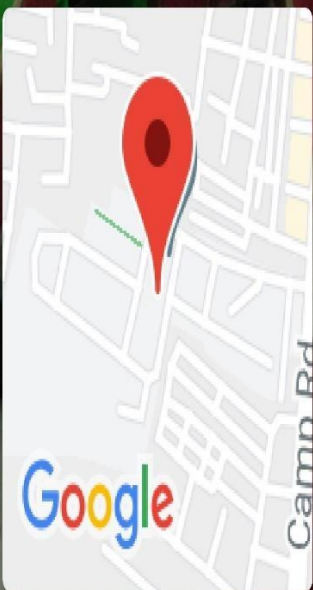
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Long 80.1403°

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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°

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GPS Map Camera



OPERATING SYSTEM LABORATORY
IN ASSOCIATION WITH
 Brightstar

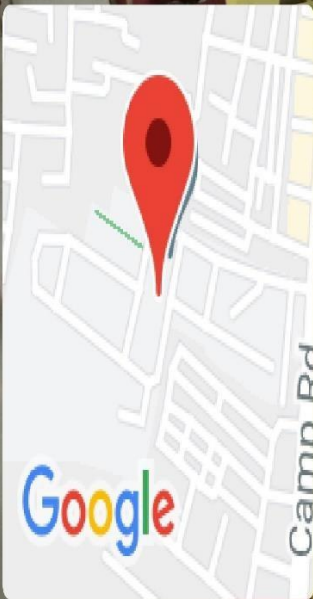
Bharath
UNIVERSITY OF APPLIED SCIENCES
AND TECHNOLOGY
CHENNAI
CAMPUS
SELAIYUR
CHENNAI
TAMIL NADU
INDIA
600126
TELEPHONE: 044-26191111
FAX: 044-26191112
WWW.BHARATHUNIVERSITY.ac.in
Bharath University
Think Ahead. Stay Ahead

TIME TABLE

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
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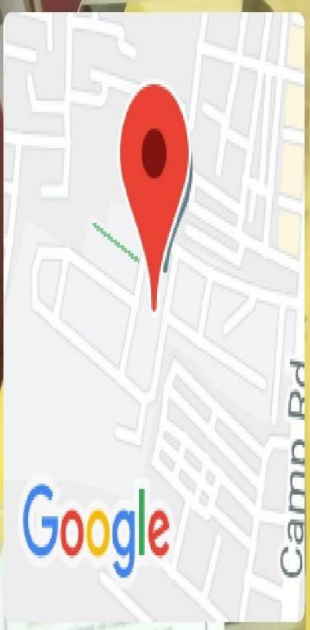
GPS Map Camera



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Nadu 600126, India
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DESIGN AND ANALYSIS OF
ALGORITHM LABORATORY



Chennai, Tamil Nadu, India

Bharath University Canteen, Selaiyur, Chennai, Tamil

Nadu 600126, India

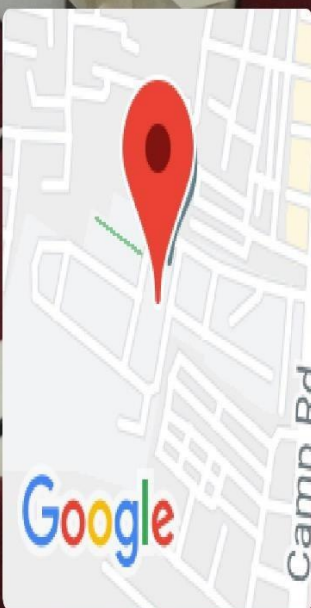
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Long 80.1403°

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GPS Map Camera



Chennai, Tamil Nadu, India

Bharath University Canteen, Selaiyur, Chennai, Tamil

Nadu 600126, India

Lat 12.908087°

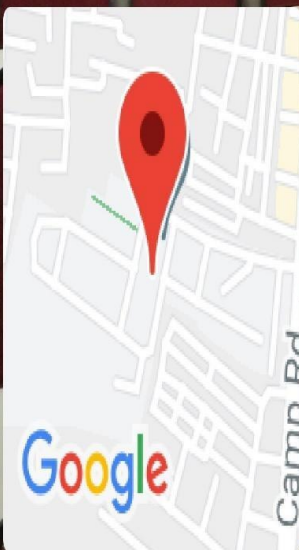
Long 80.1403°

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Smart Room & Seminar Hall



GPS Map Camera



Chennai, Tamil Nadu, India

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

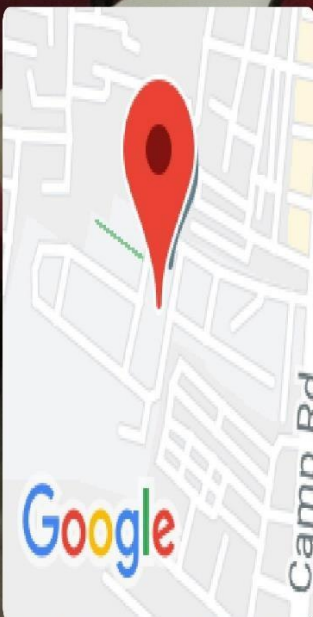
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Long 80.1403°

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GPS Map Camera



Chennai, Tamil Nadu, India

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Nadu 600126, India**

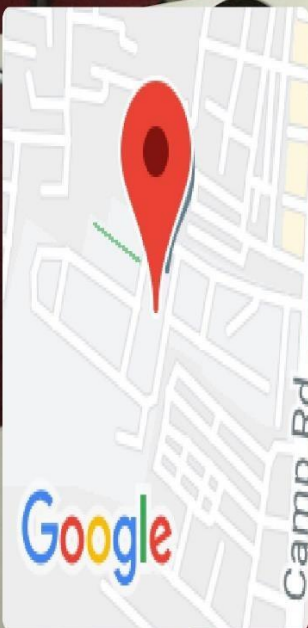
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Long 80.1403°

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GPS Map Camera



Chennai, Tamil Nadu, India

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Nadu 600126, India**

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Long 80.1403°

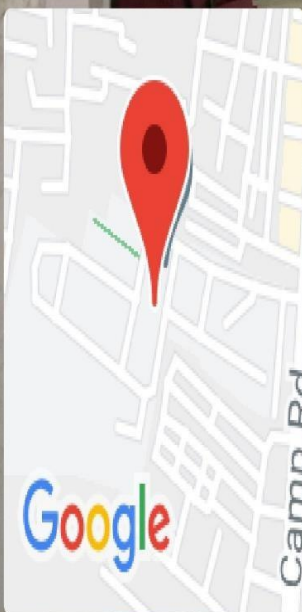
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SA 206 - SMART ROOM



GPS Map Camera



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Nadu 600126, India

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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

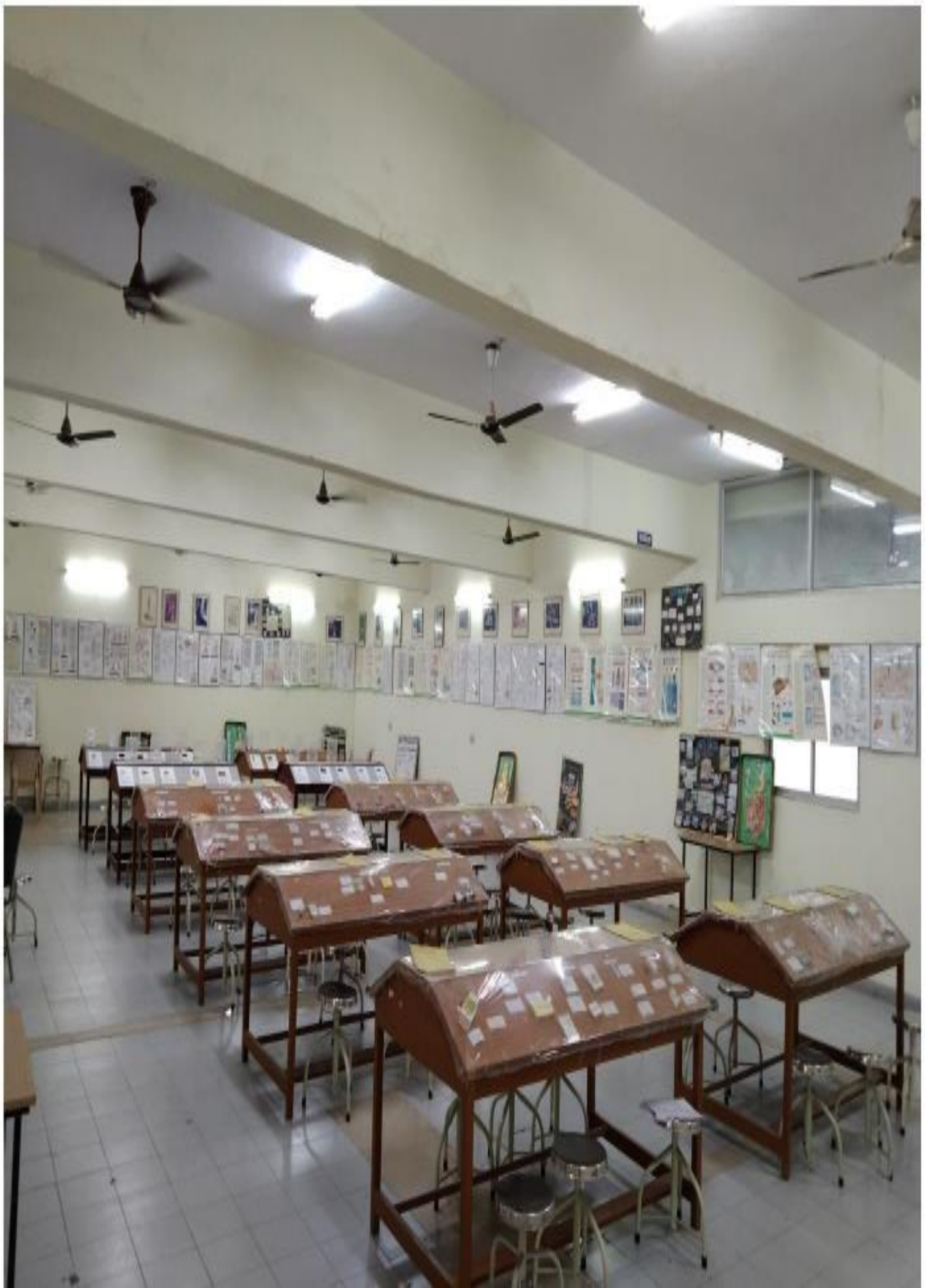
Sree Balaji College Of Nursing Research Lab / Statistical Database





School of Pharmacy-Pharmacology Museum







Achyrocline satureioides

Achyrocline satureioides 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 the tropics.

Butira radicans

Butira radicans is a species of plant in the family Rubiaceae. It is a climbing shrub with a woody base. The leaves are opposite, ovate, 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 the tropics.

Strychnos nuxvomica

Strychnos nuxvomica is a species of plant in the family Loganiaceae. It is a climbing shrub with a woody base. The leaves are opposite, ovate, 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 the tropics.

Zingiber officinale

Zingiber officinale 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 the tropics.