



# BHARATHIYAR

## INSTITUTE OF ENGINEERING FOR WOMEN

DEVIYAKURICHI, SALEM-636112.

### 7.1 Institutional Values and Social Responsibilities

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment.

Geo-tagged Photographs of the facilities



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Criterion 7	Institutional Values and Best Practices	100
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## **7.1 Institutional Values and Social Responsibilities**

### **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.**

**Geo-tagged photographs/Videos of the facilities**



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### 7.1.2 The Institution has facilities and initiatives for

#### 1. Alternate Sources of Energy and Energy Conservation measures

##### 24KW-SOLAR PANEL

Our campus has solar panels in order to lower our carbon footprint and save electricity expenses. They can assist the college reduce its environmental effect by offering a clean, renewable energy source.



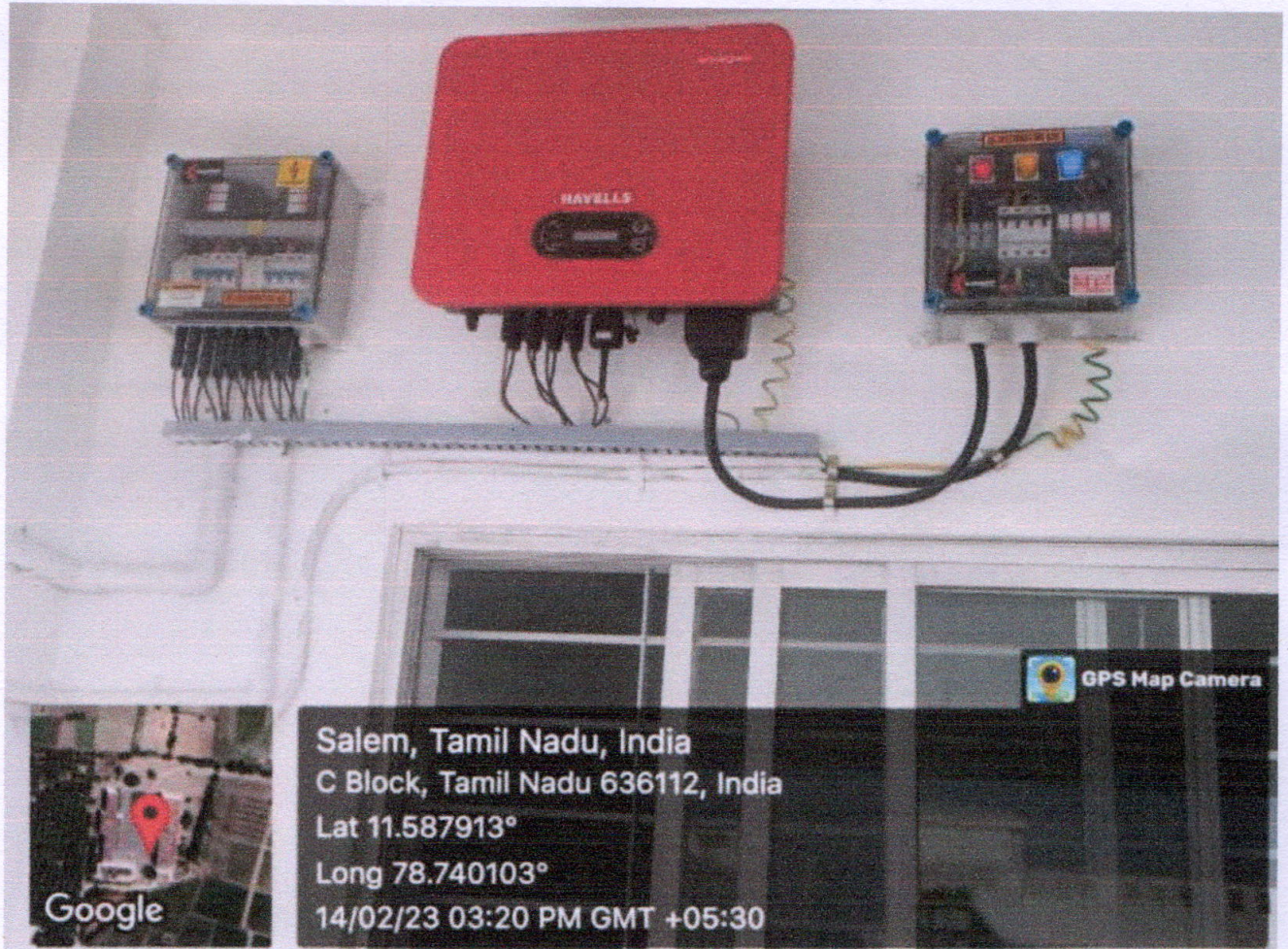


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### SOLAR CONTROL UNIT



*R. Punidha*  
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### SOLAR LAMP 1

Our college campus uses solar lights because they are an affordable and environmentally friendly way to light pathways, parking lots, and other areas.





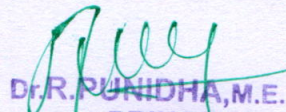
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### SOLAR LAMP 2



  
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### BIOGAS PLANT

Our hostel has a bio-gas plant that may be utilized to produce clean energy from organic waste and provide gas for cooking.







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### DIESEL GENERATOR-1

On our college campus, diesel generators are employed to supply emergency lighting and backup electricity during blackouts.



*[Signature]*  
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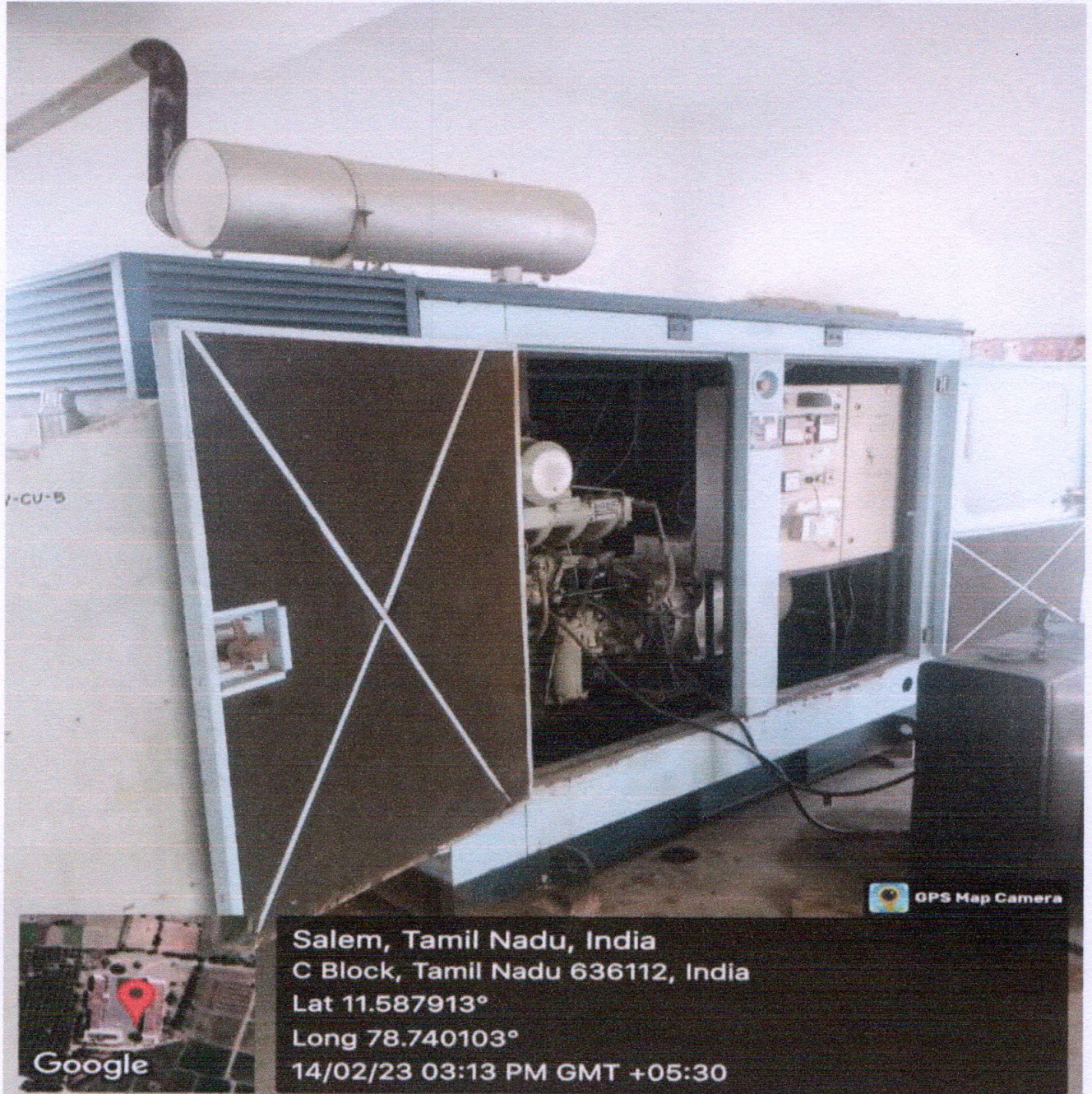


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### DIESEL GENERATOR-2





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### UNINTERRUPTED POWER SUPPLY-10KVA (A- BLOCK)

UPS systems enable staff and students to access the necessary information and services even in the case of a power outage.





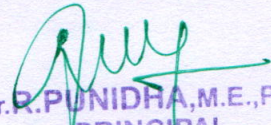
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### UNINTERRUPTED POWER SUPPLY-50KVA (C - BLOCK)



  
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### ENERGY CONSERVATION - LED LAMPS

All buildings and labs employ LED lighting. This is a selection of the sample photos.



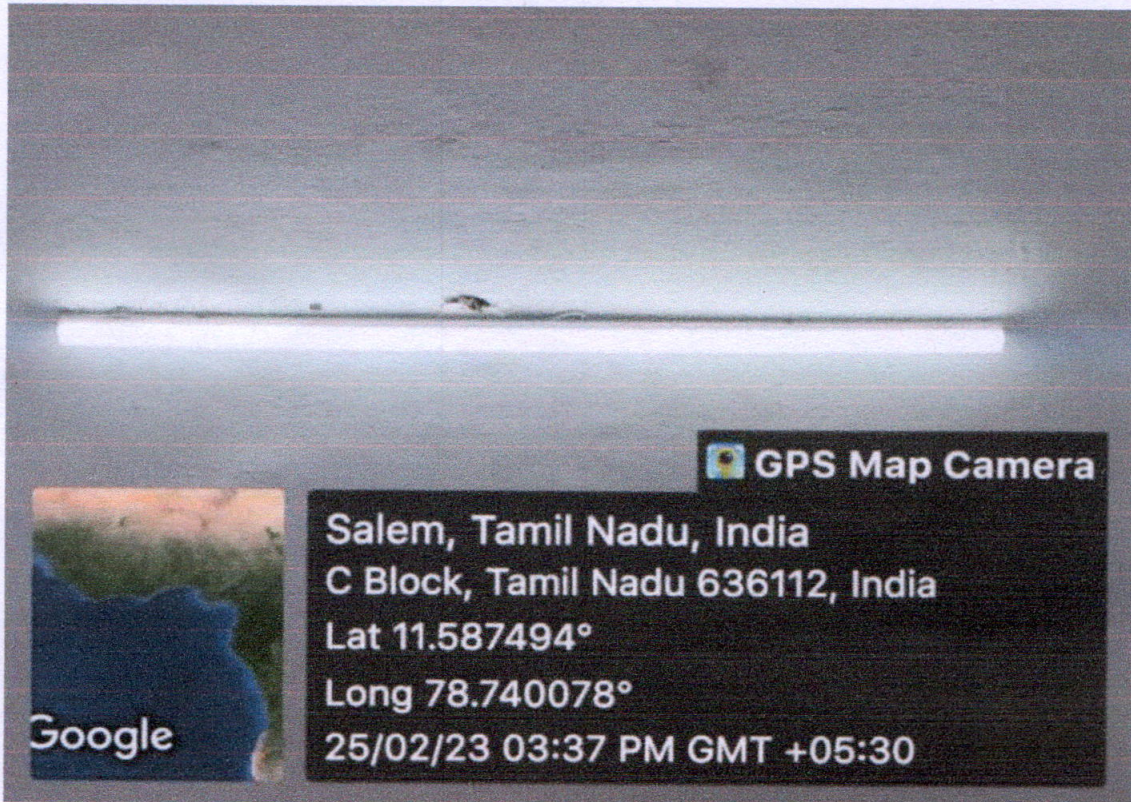


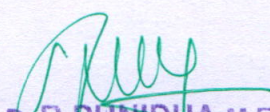
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### LED LAMPS



  
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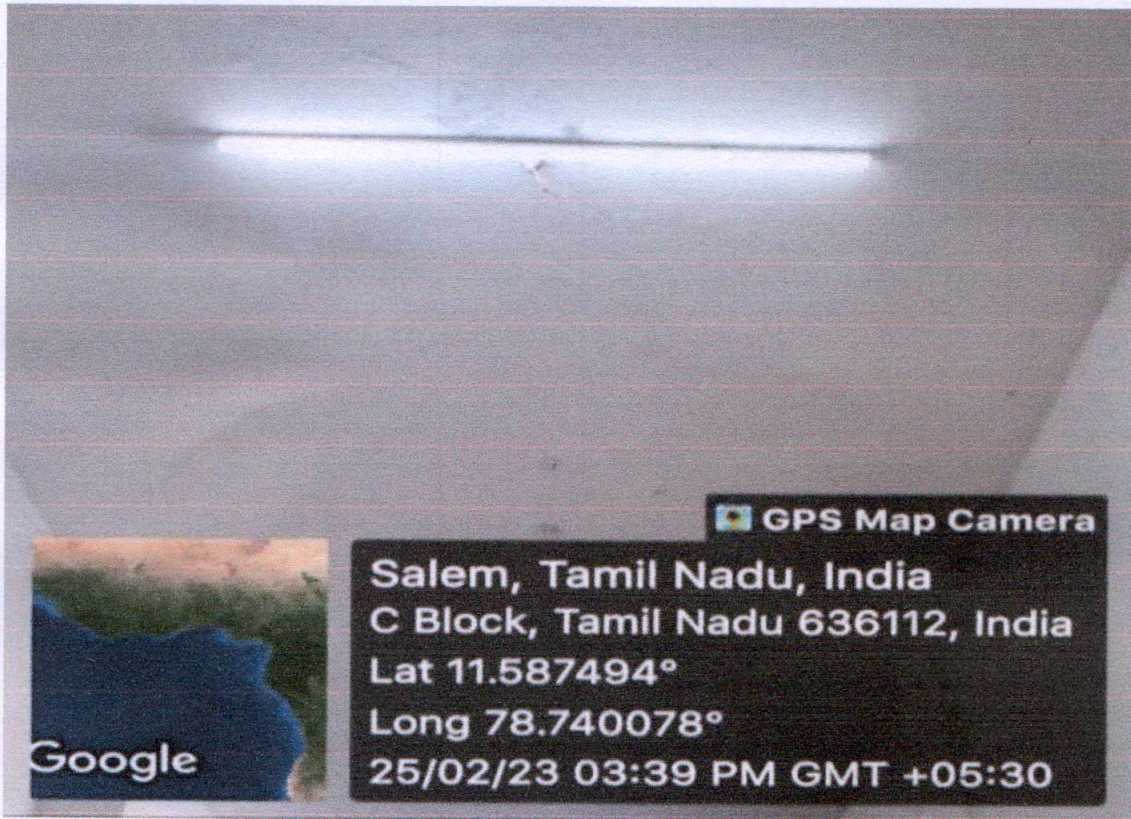



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### LED LAMP



  
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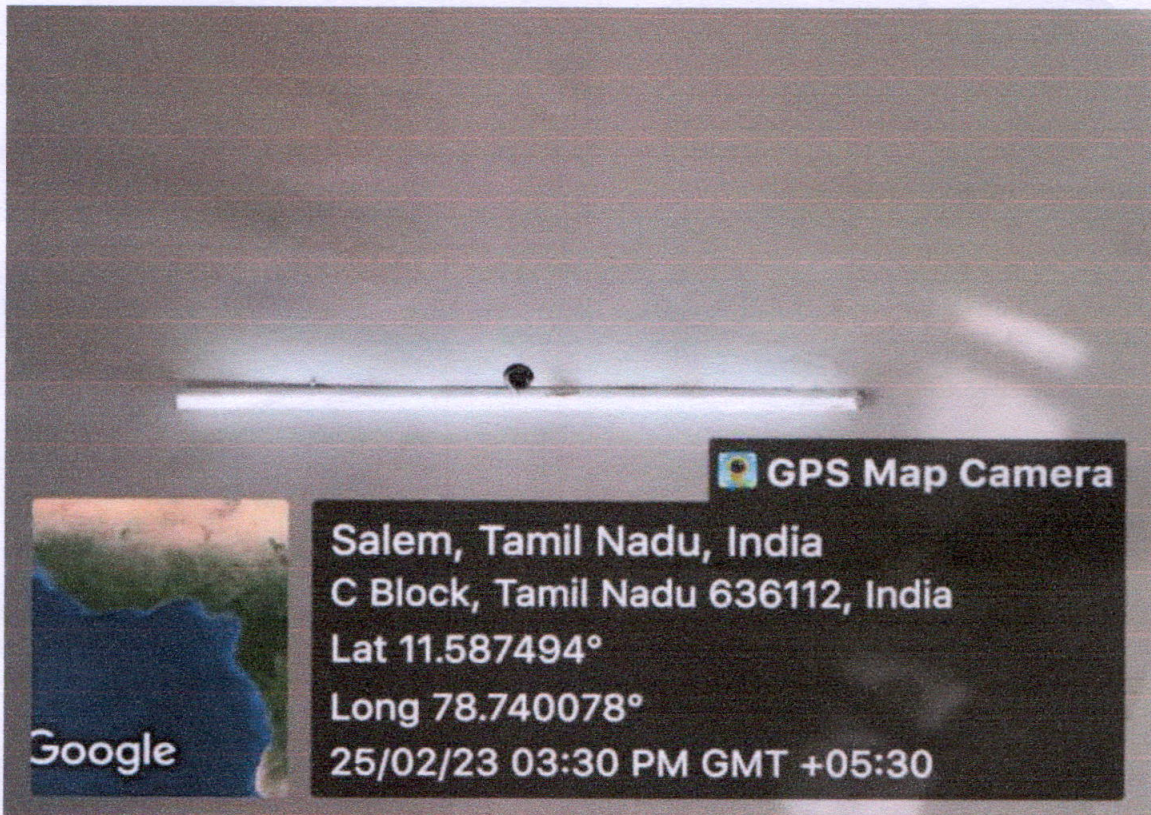


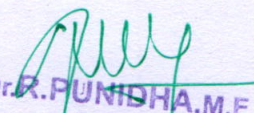
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### LED LAMP



  
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