



## **Sri Sarada College for Women**

(An Autonomous Institution)

(Reaccredited with “A” grade by NAAC)

Institution included u/s 2(f) and 12(B) of UGC

Affiliated to Manonmaniam Sundaranar University

(A branch of Sri Ramakrishna Tapovanam, Tirupparaithurai)

**Ariyakulam, Tirunelveli Thoothukudi –High Road, Maharaja Nagar Post,  
TIRUNELVELI- 627011.**



### **Criterion VII**

#### **7.1 Institutional Values and Social Responsibilities**

##### **7.1.2 Sources of Energy and Energy Conservation**

**2022-2023**



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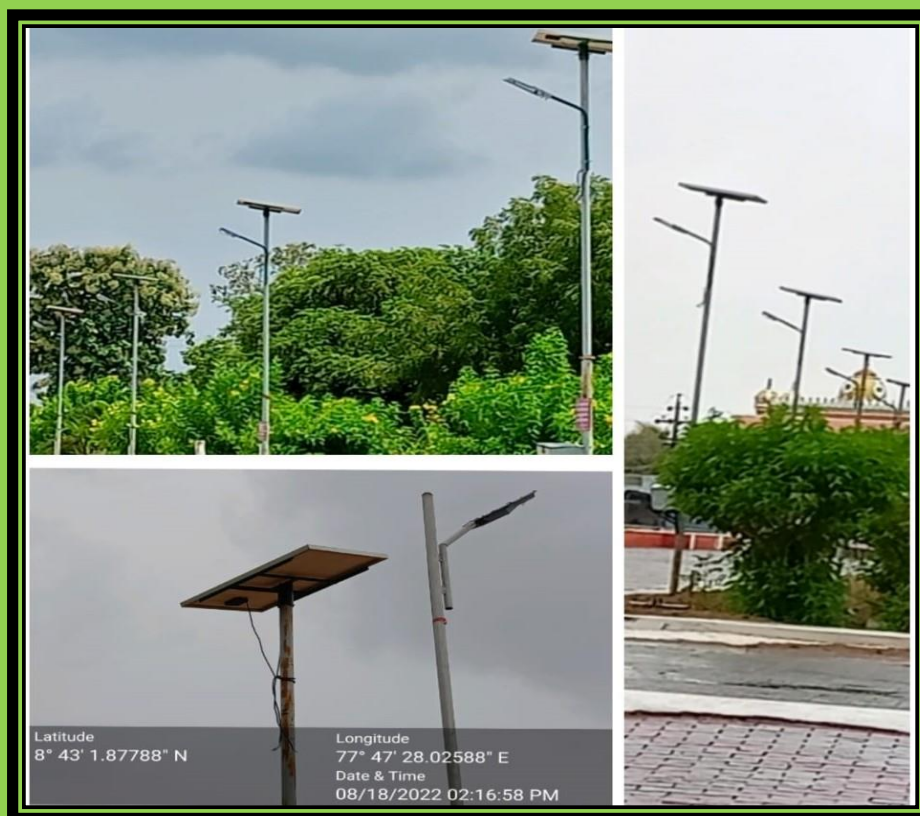
**TIRUNELVELI-627011**

E-mail: [srisaradatvl@gmail.com](mailto:srisaradatvl@gmail.com) Website: [www.srisaradacollege.org](http://www.srisaradacollege.org)



## ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION

### 7.1.2 1.SOLAR ENERGY - SOLAR LIGHTS



**Latitude: 8°716131666666N Longitudes:77°790036'E**

Solar lights absorb the sun's energy during the day and store it in a battery that can generate light once darkness falls.



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## 7.1.2 2. WHEELING TO THE GRID



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Latitude: 8.715705° Longitudes:76.791311°

High OTH is provided to the entire campus



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## 7.1.2 3. SENSOR BASED ENERGY CONSERVATION



Latitude: 8°43'1.8778" N Longitudes:77°47'28.02588"E

Sensor lights, called occupancy sensors, operate by turning off lights in unoccupied spaces.



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## 7.1.2 4. USE OF LED BULBS



Latitude:8°43'0.23016"N Longitudes:77°47'27.00132"E

LED lights which have no mercury are used in the campus and it is safe for the environment and can be easily recycled.

**Total Number of LED Bulbs: 376**

(Hostel:285, Chidambaram Block: 12,Sarada Block:58, Physics Block: 7, Library:3,  
EconomicsDepartment:4,Maths Block:7)



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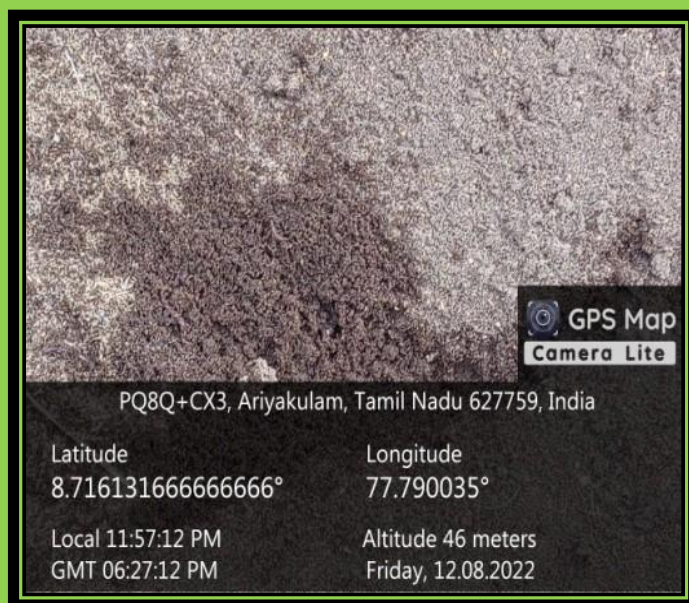
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## DIARY SLURRY WASTE



**Latitude: 8.71613166666°N Longitude: 77.790035°E**

The dairy farm's waste is used to fertilize the soil and to cultivate two types of earthworms, *Eisenia foetida* and *Eudrilus eugineae*



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