

# THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), Sivakasi

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC, College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

7.1 Institutional Values and Social Responsibilities

7.1.2. Alternate Sources of Energy

**Solar Energy** 



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#### **Utility of Solar Energy in the Campus**

- Solar energy is tapped effectively.
- Fourteen solar street lights are in operation.
- 70 units per month is conserved by installing the lamps.
- A Solar Water Heater with a capacity of 500 LPD operates in the hostel which saves energy equivalent to 60 Kgs of LPG per month
- The obtained hot water is used for cooking purpose.
- Solar Panels of capacity (66Kw/84.4 kWp) are installed to generate electricity.

S.No	Utility	Quantity
1	Solar Street lights	14
2	Solar Water Heater	1
3	Solar Power Project (66Kw/84.4 kWp)	1



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#### Location of Solar Street Lights



#### THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI – 626 123.

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#### Solar Street lights details

. No	Location
1	Playground (North East)
2	MCA Block (North)
3	Quarters
4	Main gate (Near Quarters )
5	Side gate
6	MCA Block (West)
7	Auditorium (South)
8	Dining Hall (Opposite)
9	New Hostel (Front)
10	Green House (Near)
11	Store
12	Main Block (East)
13	Main Block (Chemistry Lab)
14	Main Block (West)

Work Supervisor

C- Jayrerig.

Principal
PRINCIPAL
The Standard Fireworks
Rajarathan Golfage
for Wotners,
SIVARASI



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#### **Geotagged Photographs of Solar Street Lights**

Solar Street Light – Play Ground

Solar Street Light - IT Block

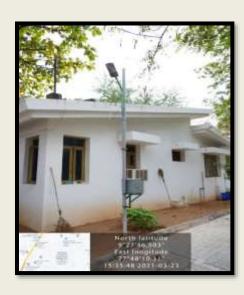
(North)





Solar Street Light – Quarters

Solar Street Light – Main Gate (Near Quarters)







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### Solar Street Light – Side Gate So

### Solar Street Light – IT Block (West)





#### Solar Street Light- Auditorium (South)

Solar Street Light – Dining Hall (Opposite)







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Solar Street Light – New Hostel Front

Solar Street Light – Green House (Near)





Solar Street Light - Store

Solar Street Light - Main Block (East)







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## Solar Street Light - Main Block Chemistry Lab



Solar Street Light – Main Block (West)





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## Geotagged Photograph of Solar Water Heater





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# **Geotagged Photograph of Solar Panel under construction**



