



**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



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Solar Street lights details

S. 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. Jayaraj

T. Palavesu

Principal
PRINCIPAL
The Standard Fireworks
Rajaratnam College
for Women,
SIVAKASI



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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



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

