

#### 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

**LED Bulbs/Power Efficient Equipment** 



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#### **LED Bulbs**

- Conventional Tube lights are replaced with LED tube lights in spaced manner
- **822**LED bulbs are present in the campus

#### **Total List of LED Bulbs**

S.No	Utility	Numbers
1	LED Bulb	777
2	Radar Motion Sensor LED Bulbs	31
3	Solar Street Light	14
	Total	822

#### **Power Efficient Equipments**

- Power Saving Equipment's:
  - > CRT Monitors are upgraded with LED Displays.
  - > Transformer based UPS are upgraded with IGBT Microprocessor controlled UPS.



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#### **Location of LED Bulbs**



## THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI – 626 123. (Affiliated to Madurai Kumuruj University, Re-accredited with A Grade by NAAC,

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#### List of LED Bulbs

S.No.	Block	Location	No. of Bulb
1	Administrative	Reception, Principal Room, Incubation Center, Controller office, 1st Floor Veranda, Supervisor Room, Commerce (SF), Staff & Student Toilet, 2st Floor Veranda, Commerce SF (PA), Commerce (R)	211
2	Canteen	Kitchen	5
3	Binding Room	Cutting &Tailoring Section	2
4	Stores & Mineral Water Plant	Near Cooperative Stores	4
5	Library	Ground Floor, 1st Floor, 2nd Floor, Reading hall & Toilets	19
6	Computer Block	Veranda, 1st Floor Veranda, Costume Design Fashion, History, VTC Lab	33
7	MCA Block	Veranda, Web Lab, Info Lab, BCA, MCA,IT, Mathematics & BBA Departments, Toilets	110
8	Main Block	Veranda, Tamil, English, Physics Chemistry, Nutrition & Dietetics, Microbiology Departments, Labs, Store Room & Staff and Student Toilet	73
9	Hostel	Dining Hall, Kitchen, Store Room, Kitchen Staff Room	31
10	UG Hostel	Office Room, Common Hall, Veranda, Students and Staff Rooms, Toilets & Bathrooms	116
11	New Hostel	Common Hall, Veranda, Student's & Staff Rooms , Toilets & Bathrooms, I Smart Lab	28
12	PG Hostel	Common Hall, Veranda, Students and Staff Rooms & Toilets & Bathrooms	73
13	Main Gate & Side Gate	Street light, Temple, Veranda, Quarters, Kitchen, Generator Room, Statue	53
14	Indoor Stadium	Physical Director Room, Toilet	19
		Total	777

Work Supervisor

C- Safarel .

T. Palaverous Principal PRINCIPAL The Standard Piroworks Rajaratoam College for Women. SIVAKASI



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#### **Location of Radar Motion Sensor LED Bulbs**



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

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#### Details of Radar Motion Sensor LED Bulbs

S.No	Location	Numbers
1	Library	15
2	UG Hostel II Wing	3
3	UG Hostel III Wing	3
4	UG Hostel IV Wing	4
5	UG Hostel VI Wing	5
6	Priyadharshini Hostel	1
Total		31

Work Supervisor

C. Jayaraj.

T. Paleuciai
Principal
PRINCIPAL
The Standard Fireworks
Rajarathna College
for Women,
SIVAKASI



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#### **Location of Solar Street Light LED Bulbs**



### 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- Jayresof.

T. Palacesocial
Principal
PRINCIPAL
The Standard Fireworks
Rajaratnam Godlego
for Wotners,
SIVAKASI



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**Geotagged Photographs of LED Bulbs** 



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#### **Administrative Block- Office Room (18 LED bulbs)**





















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# <u>Administrative Block- Copier Area (2 LED bulbs), Record Room (7 LED bulbs)</u>& Supervisor Room (3 LED bulbs)





















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### Administrative Block- Varanda (24 LED bulbs)





















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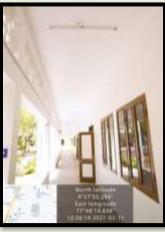




















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### Administrative Block -Principal Room & Reception (5+1 LED bulbs), Incubation Center (2) & Controller office (12 LED bulbs)





















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### <u>Administrative Block –I Floor Varanda(26 LED bulbs)</u>















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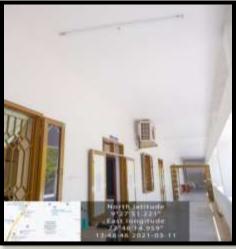


















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### Administrative Block - Commerce (SF)(6 LED bulbs)& Chief Supervisor Room (9 LED bulbs)



















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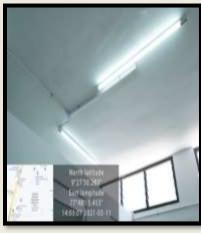
# Administrative Block –I Floor ,Staff (3) & Student's Toilet (11) (14 LED bulbs)







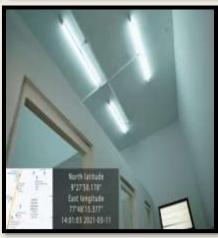














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#### Administrative Block -II Floor Varanda(16 LED bulbs)





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### Administrative Block -Commerce (PA)(10 LED bulbs)













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### Administrative Block - Commerce (SF)(18 LED bulbs)























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### Administrative Block -Commerce (R) (22 LED bulbs)

























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# Administrative Block –II Floor Staff (3), Student' Toilet (10) & Ground Floor staff (2) (15 LED bulbs)

























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# Administrative block Secretary, Gent's Toilet& RO water plant (5 LED bulbs), Canteen Kitchen (5 LED bulbs)& Store, Cutting & Tailoring room (4 LED bulbs)



























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# <u>Library (Ground Floor, Reading Hall, I Floor & II Floor)</u> (18 LED bulbs)





































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### Computer Block-Varanda-C5 (5 LED bulbs)& I Floor Varanda C6 (10 LED bulbs)



















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# <u>Department of Costume Design & FashionC7 (6 LED bulbs)</u> <u>Department of History C8 & C9 (9 LED bulbs)&VTC Lab (3 LED bulbs)</u>

























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# MCA Block- Department of Information Technology-Varanda (5LED bulbs) & WEB Lab (14 LED bulbs)





























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# MCA Block-Info Lab (16 LED bulbs), Ground Floor Staff Toilet (2 LED bulbs)



























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# <u>Department of Computer Application</u> (3 LED bulbs)&Department of Mathematics (4 LED bulbs)















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# MCA Block- II Floor Varanda, Class room, Student & Staff Toilet (32LED bulbs)



























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### <u>Information Technology (4), Business Administration – Department (2),</u> <u>Class room(12+12 LED bulbs& Main Corridor (2 LED bulbs)</u>































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#### Main Block- Main Varanda (19 LED bulbs)



































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#### Microbiology Department & Biology lab (2 LED bulbs)







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# <u>Chemistry Department, Lab, Library & Store (7 LED bulbs), Tamil Department & Class room (7 LED bulbs) & Nutrition & Dietetics (1 LED bulbs)</u>



































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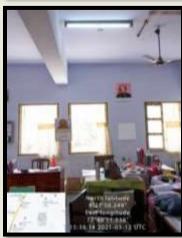
### <u>Physics Lab & Electronic Lab (2 LED bulbs)&English Department & Class</u> <u>room (8 LED bulbs)</u>





















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#### **Botany Department, Lab & Store room (27LED bulbs)**



















































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# Mess Front Side (2 LED bulbs), Mess Hall (9 LED bulbs) & Mess Store Room (2 LED bulbs)





























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# <u>Hostel Kitchen(11 LED bulbs)</u>, <u>Mess Staff Room (5 LED bulbs)</u> & <u>Mess Side (2 LED bulbs)</u>







































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## <u>UG Hostel Office Room (2 LED bulbs )&UG Hostel I Wing , bathroom & toilet (8 LED bulbs )</u>









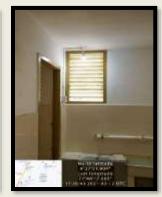














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#### UG Hostel II Wing (7), Bath room (14)& Toilet (LED bulbs)











































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#### <u>UG Hostel II Wing- Common Room (9 LED bulbs )</u>















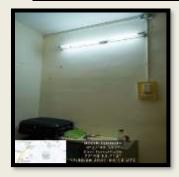






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#### <u>UG Hostel III Wing, Common room, Bathroom& Toilet(18LED bulbs)</u>







































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#### UG Hostel IV Wing, Common room, Bathroom & Toilet (24 LED bulbs )























































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#### <u>UG Hostel V Wing, Common room, Bathroom & Toilet (5 LED bulbs )</u>













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#### UG Hostel VI Wing, Common room, Bathroom & Toilet (15LED bulbs )







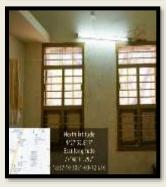


























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#### **UG Hostel Front side and Outside (10 LED bulbs)**









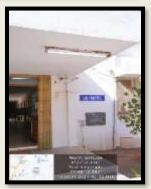














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#### NEWHostel Ground Floor, Varanda, Rooms, Bathroom, Toilet& Ismart lab (28 LED bulbs )





























































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## New Hostel Ground Floor & Varanda (4LED bulbs ), PG Hostel Ground Floor, Varanda, Bathroom& Toilet (26 LED bulbs )

































































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## <u>PG Hostel I Floor, Varanda& Common Hall (21LED bulbs )&PG Hostel I & II Floor, Bath room, Toilet (26LED bulbs )</u>











































































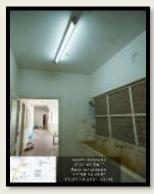


























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## Near Main Gate, Street light temple, Quarters, Varanda(13 LED bulbs )&Quarters, Kitchen &Hall (5 LED bulbs )







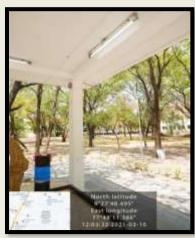










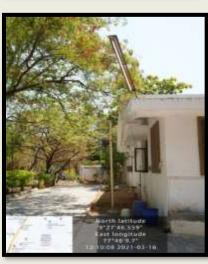






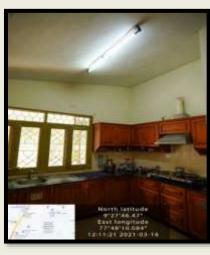
















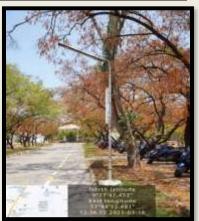


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#### Main Gate, Generator room, Street lights &statue(35 LED bulbs)





















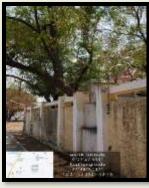










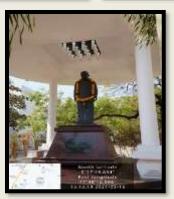














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#### Indoor stadium, Physical Education Dept. & Toilet (19LED bulbs )

































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## Geotagged Photographs of Radar Motion Sensor LED Bulbs Radar Motion Sensor LED Bulbs – Library





























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# Radar Motion Sensor LED Bulbs –UG Hostel II Wing, III Wing, IV Wing VI Wing & Priyadharshini Hostel





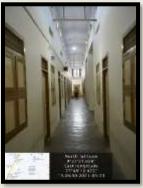






























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Solar Street Light – Play Ground , IT Block (North), Quarters, Main Gate (Near Quarters), Side Gate Solar Street Light & IT Block (West)





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Solar Street Light- Auditorium (South) , Dining Hall (Opposite), New Hostel Front, Green House (Near), StoreSolar Street Light – Main Block (East), Main Block Chemistry LabSolar & Main Block (West)



















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Geotagged Photographs of Power Efficient Equipment



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#### **CRT** Monitors are upgraded with LED Displays.





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#### Transformer based UPS are upgraded with IGBT Microprocessor controlled UPS

