

# **SIR C R REDDY COLLEGE FOR WOMEN**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)  
Vatluru(post), Pedapadu mandal, Eluru Dist(AP)**



***AWARENESS PROGRAMME***  
***ON***  
***“ELECTRICAL POWER SAVING”***

**Date:** 03-11-2022

**Time:** 10.30 am to 12.30 pm

**Place:** BHOGAPURAM VILLAGE

*Organized by*  
**DEPARTMENT OF PHYSICS**

# **SIR C. R. REDDY COLLEGE FOR WOMEN**

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)  
Vatluru(post), Pedapadu mandal, Eluru Dist(AP)



## **Invitation**

### **AWARENESS PROGRAMME**

**On**

### **ELECTRICAL POWER SAVING**

**Chief Guest:** **SRI CHALASANI VISWANADHARAO**  
Correspondent, Sir C R Reddy College for Women,  
Eluru

**Presided by:** **SMT P. SAILAJA**  
Principal, Sir C R Reddy College for Women, Eluru

**Date:** 03-11-2022  
**Time:** 10.30am to 12.30 pm  
**Venue:** BHOGAPURAM VILLAGE

**Organized by**

**DEPARTMENT OF PHYSICS**



**SIR C R REDDY COLLEGE FOR WOMEN**  
(Affiliated to Adikavi Nannaya University, Rajamahendravaram)  
Vatluru(post), Pedapadu mandal, EluruDist(AP)

Permission Letter

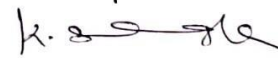
Dt:31-10-2022,  
Eluru.

To  
The Principal  
Sir C.R.Reddy College for Women  
Eluru


**Subject:** Request to grant permission to arrange a "AWARENESS PROGRAMME ON ELECTRICAL POWER SAVING " - regarding.

This is to bring to your kind notice that, Department of Physics and III B.sc Students association with IQAC are planning to arrange an "AWARENESS PROGRAMME ON ELECTRICAL POWER SAVING " on 3-11-2022 at 10.30 a.m. to 12.30 p.m at Bhogapuram village.In this context, we request you to grant permission to arrange the program on 3<sup>rd</sup> november2022.

Thanking you

  
Yours faithfully,

Signature of HOD  
Dept. of Physics

*Permitted*  
  
PRINCIPAL  
Sir C.R.R. College for Women  
ELURU

### **Objectives:**

- **To make the students aware about Electrical power.**
- **To bring complete knowledge on several power saving techniques.**
- **To bring awareness on advantages of electrical saving.**

### **Outcomes:**

- **The students are able to understand electrical power consumption.**
- **The students are aware about the advantages of electrical power consumption.**
- **The students understood very well about the importance of electrical power consumption.**

## **Report**

**Department of Physics in association with Unnat Bharat & IQAC organized an awareness program on Electrical Power Saving at Bhogapuram village on 03/11/2022 from 10:30 a.m. to 12:30 p.m.**

**K. Sirisha, HOD Department of physics welcomed the ward member and the people of Bhogapuram. III BSc M P C students of our college participated in this program.**

**K. Sirisha briefly explained the importance of electricity and how it is produced by fossil fuels. She also explained about the present and future problems regarding production of power and its wastage.**

**She educated them that if we are wasting power means we are wasting the money and also damaging the environment. As the power is very important to us and to our future generations we need to save the power. In order to educate the villagers she explained the present and future situations as follows.**

**India is the third largest producer of electricity in the world. Through its Saubhagya initiative, India currently is at 99.99% electrification with only 18,734 households without electricity. However, the quality and reliability of electricity access remains an issue, as does the long-term sustainability of the largely grid-based approach. Power for All's work in India is focused on building a powerful, evidence-based narrative for the country's decentralized renewable energy (DRE) sector, to spotlight its critical role in not only providing quality, fiscally responsible and customer-centric 24/7 electricity services to India's rural poor, but improving livelihoods and generating economic activity and employment.**

**At its core, energy conservation means using less energy to lower costs and reduce environmental impact. This can mean using less electricity, gas, or any other form of energy that you get from your utility and pay for.**

### **Energy conservation vs. energy efficiency**

**While energy conservation is trying to use less energy for lower cost and reduce environmental impact, energy efficiency means using specific products designed to use less energy. These two concepts are inherently similar but involve different methods. Examples of energy conservation include using smart appliances and energy-saving bulbs in your home. Energy conservation can help you save money and also increase your sustainability.**

- 1. Adjust your day-to-day behaviors**
- 2. Replace your light bulbs**
- 3. Use smart power strips**
- 4. Install a programmable thermostat**
- 5. Use energy-efficient appliances**
- 6. Reduce water heating expenses**
- 7. Wash your clothes in cold water when possible**
- 8. Replace or clean your air filters**
- 9. Use natural light**
- 10. Shift consumption away from the 10 am - 8 pm peak times:**
- 11. AC's at 26° C**

## 12. Switch off from the plug point

India would need around 4,000GW of total installed capacity to meet 5,921 terawatt hours (TWh) of electricity demand and 1,023GW of peak demand over the next three decades up to 2050, the report says. Of this, total solar capacity is projected to be around 3,076GW, or 76% of the total installed capacity.

What is the future of electricity source?

Using renewable energy sources – such as wind and solar power – is one of the fastest-growing ways to get cleaner, greener electricity. This means that, to reduce CO<sub>2</sub> emissions and reach net zero, more aspects of our lives that previously relied on fossil fuels will need to start using electricity instead. Solar Energy has a bright future in India because we are a tropical country with enormous possibilities of tapping solar energy. Solar energy is fast becoming popular in rural and remote areas.

In order to encourage the people towards power saving LED bulbs are distributed to the people of Bhogapuram.





**K. Sirisha, HOD Department of physics created awareness among the people of Bhogapuram regarding “Electrical Power saving”**



# SIR C R REDDY COLLEGE FOR WOMEN, ELURU

(Affiliated to ADIKAVI NANNAYA UNIVERSITY, Rajamahendravaram)

## EXTENSION ACTIVITY

2022 - 2023

## STUDENTS ATTENDANCE

PLACE: Bhogapuram Village

ACTIVITY: Awareness on Electrical Power Saving

S.No	Class	Roll No	Name of the Students	Signature
1	III MPC	200101	G. Uma Meghana	G. Uma Meghana
2	III MPC	200103	M.Hima Ganga	M. Himaganga
3	III MPC	200104	N.Deepika	N. Deepika
4	III MPC	200105	A.Naga Durga	A. Naga Durga
5	III MPC	200106	D.Seetha	D. Seetha
6	III MPC	200107	A.Madhavi Durga	A. Madhavi Durga
7	III MPC	200111	B.Keerthi Sai	B. Keerthi Sai
8	III MPC	200113	Ch.Pandu Varsha	Ch. Pandu Varsha
9	III MPC	200114	Ch.Triveni	Ch. Triveni
10	III MPC	200115	DKusumanjali	D. Kusumanjali
11	III MPC	200116	D.Ratna Kumari	D. Ratna Kumari
12	III MPC	200117	D.Adi Lakshmi	D. Adi Lakshmi
13	III MPC	200118	D.Ramya Sri	D. Ramya Sri
14	III MPC	200119	D.Seetha	D. seetha
15	III MPC	200120	D.Gayathri	D. Gayathri
16	III MPC	200121	G.Jhansi	G. Jhansi
17	III MPC	200122	G.Mounika	G. Mounika
18	III MPC	200123	G.Bhavana	G. Bhavana
19	III MPC	200124	K.Baby Bhargavi	K. Baby Bhargavi
20	III MPC	200125	K.Likhitha	K. Likhitha
21	III MPC	200126	K.Manasa Chowdary	K. Manasa Chowdary
22	III MPC	200128	K.Keerthi	K. Keerthi
23	III MPC	200129	K.Navya Sri	K. Navya Sri
24	III MPC	200130	K.Naga Sravya	K. Naga Sravya
25	III MPC	200131	K.Pavani	K. Pavani
26	III MPC	200133	K.Naganjali	K. Naganjali
27	III MPC	200134	K.Naga Durga	K. Naga Durga
28	III MPC	200135	K.Sahnavi	K. Sahnavi
29	III MPC	200137	M.Gayathri	M. Gayathri
30	III MPC	200138	M.Durga Bhavani	M. Durga Bhavani

S.No	Class	Roll No	Name of the Student	Signature
31	III MPC	200140	M.Jyothi Pushpa	M. Jyothi Pushpa
32	III MPC	200142	M.Ramya Sri	M. Ramya Sri
33	III MPC	200143	M.Venkata Satya	M. Venkata Satya
34	III MPC	200145	N.B.L.Sirisha	N.B.L. Sirisha
35	III MPC	200147	P.Meena Kumai	P. Meena Kumari
36	III MPC	200148	P.Karthi	P. Karthi
37	III MPC	200150	P.Leela Kumari	P. Leela Kumari
38	III MPC	200151	T.Mounika Devi	T. Mounika Devi
39	III MPC	200152	T.N.D.Lakshmi	T.N.D. Lakshmi
40	III MPC	200154	V.Harika	V. Harika
41	III MPC	200155	P.Ratna Kumari	P. Ratna Kumari
42	III MPC	200157	P.Syama Devi	P. Syama Devi
43	III MPC	200159	R.Babitha	R. Babitha
44	III MPC	200160	R.Chandini	R. Chandini
45	III MPC	200162	S.Harshitha	S. Harshitha
46	III MPC	200165	Y.Radhika	Y. Radhika
47	III MPC	200167	R.Sri Latha	R. Sri Latha
48	III MPC	200170	M.Chandrika	M. Chandrika
49	III MPC	200171	M.Sandhya	M. Sandhya
50	III MPC	200172	Sk.Shameem	Sk. Shameem

### Stake Holders List:

S.no	Name	Designation
1.	Dharmavathi	Panchayati Secretary, Bhogapuram
2.	K.KanakaDurga	Mahila Police
3.	K.Sirisha	Lecturer, Sir C R Reddy College for Women, Eluru
4.	M.JayaLakshmi Devi	Lecturer, Sir C R Reddy College for Women, Eluru
5.	P.Praveen	Lecturer, Sir C R Reddy College for Women, Eluru