




**Sri Sairam Engineering College**  
**West Tambaram**  
**Chennai - 44**




**ENSAV CLUB**  
**REPORT**

**Energy Conservation Day**

**Date: 14/12/2022**



**Sri SAI RAM ENGINEERING COLLEGE**  
INSTITUTE OF TECHNOLOGY  
An Autonomous Institution  
West Tambaram, Chennai - 44  
www.sairamit.edu.in






## ENSAV CLUB AND IEEE PES

Celebrates  
**"NATIONAL ENERGY CONSERVATION DAY 2022"**  
(14.12.2022)

### Be a Tariff Changer...

(Aware of Energy Consumption)




Power & Energy Society®  
SEC STUDENT BRANCH CHAPTER

**Faculty Advisors For Home Audit**

Dr.C.Nayanatara / SEC  
Dr.B.Sumathy / SEC  
Mr.P.Rajakumar / SEC  
Dr.M.Jagadeesh Kumar / SIT  
Mr.R.Dhanasekar / SIT  
Dr.K.Prathibanandhini / SEC  
Ms.B.Renuka Devi / SEC  
Ms.G.Ezhilarasi / SIT

\*E-Certificates will be provided



Upload Self Audit Report  
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Mr. S. Siva Chandran / SEC  
Dr. R. Vigneswaran / SIT  
COORDINATORS


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ENSAV CLUB CAPTAIN

Dr.R.Azhagumurugan  
IEEE PES SB ADVISOR  
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PRINCIPAL  
SIT

Dr.K.Porkumaran  
PRINCIPAL  
SEC

Dr.Sai Prakash Leo Murthu  
CHAIRMAN & CEO  
SAIRAM INSTITUTIONS



**SAI RAM ENGINEERING COLLEGE**  
**SAI RAM INSTITUTE OF TECHNOLOGY**

**EnSAV Club**



ENSAV CLUB

Name of the Institution: \_\_\_\_\_

Auditor: \_\_\_\_\_ Faculty Advisor: \_\_\_\_\_

### HOUSE ENERGY PRELIMINARY AUDIT

What is the type of supply used in your home - 3ph / 1 ph
Is your Average Monthly unit consumption - BELOW 300U / 300U to 500U / ABOVE 500
Mention the percentage of star rated equipments used in your house - NIL / >50 / <50
Do you have knowledge regarding the star rated equipments - YES / NO
Faulted equipments are to be - SERVICED / REPLACED WITH OLD / REPLACED WITH NEW
Do you frequently clean the filter of air conditioner - YES / NO
How often you will defrost the refrigerator - REGULAR / PARTIAL / AUTO / NIL
Whether you follow the rules for efficient use of refrigerator to store all the items - YES / NO
How many times do you open and close the refrigerator in a day? - <10 / 10-20 / >20
Is your Present lighting system with - TubeLight / CFL / LED
Do you use iron box in your home - YES / NO
Have you have habit of switching off all the equipments, when not in use - YES / NO
Do you feel that you pay a lot for electricity bills - YES / NO
Are You Utilizing the washing machine to full load capacity - YES / NO
Do you switch off the Power of equipments when it is not in use - YES / NO
Are you aware of Earthing condition in your house - YES / NO

Is your house connected with balanced 3 phase load - YES / NO
Average voltage level of your house - <200 / 201-215 / 216-225 / >230
Availability of Inverter in your House - YES / NO
Quantify the power wastage in your house -
Have you aware 'how to escape from electric shock - YES / NO
Are you happy with quality of power delivered to your house - YES / NO
Are you ready to accept and implement our tips for energy saving - YES / NO
How many lights switched on 24x7 - One / Two / Three / Four
Present Life of heavy equipments - M5 / 5-10 / M10
Average usage of lighting in No of hours/day - M5 / 5-10 / 10-15 / M20
Mention the regular electrical fault occur in your house - _____
Are You aware of basic troubleshooting of household appliance - YES / PARTIAL / NO
Whether you are interested to conduct Energy Audit in your House - YES / NO
Consumer Feedback:
Signature

Signature Of Auditor: _____	Faculty Adviser Signature: _____
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# **ENERGY SAVING AWARENESS CLUB OF SRI SAIRAM ENGINEERING COLLEGE**

The Energy Conservation Day event was organized collaboratively by the Energy Saving Awareness (ENSAV) Club and IEEE PES of Sri Sairam Engineering College. The event focused on conducting energy audits, wherein first-year students were encouraged to analyze and evaluate energy consumption in their homes.

The event commenced on [14/12/2022], with the active participation of more than 20 first-year students.

As a part of the energy audit, the students were tasked with the responsibility of uploading self-audit reports of energy consumption in their respective homes. This exercise allowed them to assess their electricity usage, identify potential areas for energy conservation, and suggest sustainable practices.

The active participation and engagement demonstrated by the students showcased their commitment to sustainable practices. As a token of appreciation for their active involvement in the event, all participants were awarded participation certificates.