

## IGEN ENSAVCLUB – SRI SAIRAM ENGINEERING COLLEGE ANNUAL ACTIVITY REPORT 2023



### 1. INTRODUCTION

#### VISION:

To accomplish a sustainable Energy Efficient Environment through benign and innovative conservation practices for the betterment of our descendants.

#### MISSION:

- To take ahead the need for sustainability in the inquisitive minds.
- To inculcate the values of energy conservation.
- To create a greener surrounding through various awareness campaigns.
- To develop/work on innovative energy conservation projects to bring harmony between nature and mankind.

#### OBJECTIVES:

- To work towards UN Sustainable Development Goals (4,7,9,11,12,13 & 17).
- To inculcate entrepreneurial skills in students to implement their innovations abiding by the laws of nature to retain energy efficiency.
- To develop at least three innovative products/projects that provide solutions for making the world a better place.
- To organize a Model United Nations (MUN) per year, two inter / intra competitions, and awareness programs for young minds to accelerate the global development rate.
- To disseminate Energy Audit activities to stimulate conservation practices among the inhabitants.



The Institution of  
Green Engineers



IGEN Working towards  
SUSTAINABLE  
DEVELOPMENT  
GOALS



ENSAV CLUB  
Energy Saving Awareness Club  
A Unit of Energy Efficiency Research Group, under IGEN

## IGEN ENSAVCLUB COUNCIL MEMBERS

Club Name : Sairam ENSAV Club

Club Reference No :

College Name : Sri Sairam Engineering College

Participating Departments : EEE, Mech, Civil, ECE, EIE

ENSAV PATRON (Principal) : Dr.K.Porkumaran

ENSAV EXTERNAL ADVISOR : Mr.Muthukumaran

SN	Designation	Name	Whatsapp No.	Email ID
1	EnSAv Mentor ( <b>HoD</b> )	Dr.R.Azhagumurugan	9176769191	hod.eee@sairam.edu.in
2	EnSAv Ambassador ( <b>Faculty Head</b> )	Dr.P.Sharmila	9962318717	sharmila.eee@sairam.edu.in
3	EnSAv Staff Coordinator ( <b>Faculty</b> )	Dr.C.Nayanatara	9791072521	nayanathara.eee@sairam.edu.in
4	EnSAv Staff Coordinator ( <b>Faculty</b> )	Mr.S.Sivachandran	9578892485	sivachandran.mech@sairam.edu.in
5	EnSAv Staff Coordinator ( <b>Faculty</b> )	Dr.N.Suganya	9345939159	suganya.civil@sairam.edu.in
6	EnSAv Staff Coordinator ( <b>Faculty</b> )	Ms.T.Tamilselvi	8637687120	tamilselvi.ei@sairam.edu.in



The Institution of  
Green Engineers



## IGEN ENSAVCLUB COUNCIL MEMBERS

Club Name :Sairam ENSAV Club

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College Name : Sri Sairam Engineering College

ENSAV PATRON (Principal) : Dr.K.Porkumaran

ENSAV EXTERNAL ADVISOR :Mr.Muthukumaran

SN	Designation		Name	Whatsapp No.	Email ID
1	EnSAv Chairman	III	Abinaya.R	9840944910	sec21ee005@sairamtap.edu.in
2	IGEN Volunteer	II	Vijayakumar A	8610588359	sec21ee061@sairamtap.edu.in
3	EnSAv Vice Chairman	III	Arun G R	9486043621	sec21ee096@sairamtap.edu.in
4	EnSAv Secretary	III	Surej R	9566233775	sec21ee001@sairamtap.edu.in
5	EnSAv Joint Secretary	III	Panaiya Thal V	8015104975	sec22ee
6	EnSAv Treasurer	III	Srimathy S	6379478047	sec22ee060@sairamtap.edu.in

## 2. ON-CAMPUS EVENTS

### (i) WORKSHOP ON PV SYST SOLAR PLANT DESIGN SOFTWARE



The poster features a background image of a wind turbine and solar panels. At the top, there are logos for Sairam RAISE FOMS, ARIIA (Atal Ranking of Institutions on Innovation Achievements), NIF 108 RANK, and Sustainable Development Goals. The Sri Sai Ram Engineering College logo is in the top right corner. The text on the poster includes the title of the workshop, the date and location, and the names of the resource person and coordinators.

**RESOURCE PERSON**

**Mr SIVA CHANDRAN S**  
Asst. Prof. - Mechanical Dept  
Sri Sai Ram Engineering College

**ENSAY CLUB**  
Strive to Save  
Organizes

**Sri SAI RAM ENGINEERING COLLEGE**  
INSTITUTE OF TECHNOLOGY  
An Autonomous Institution  
West Tambaram, Chennai - 44  
[www.sairam.edu.in](http://www.sairam.edu.in)

**WORKSHOP ON PV SYST SOLAR PLANT DESIGN SOFTWARE**

**21-02-2023, TUESDAY**  
@ ROBOTICS LAB

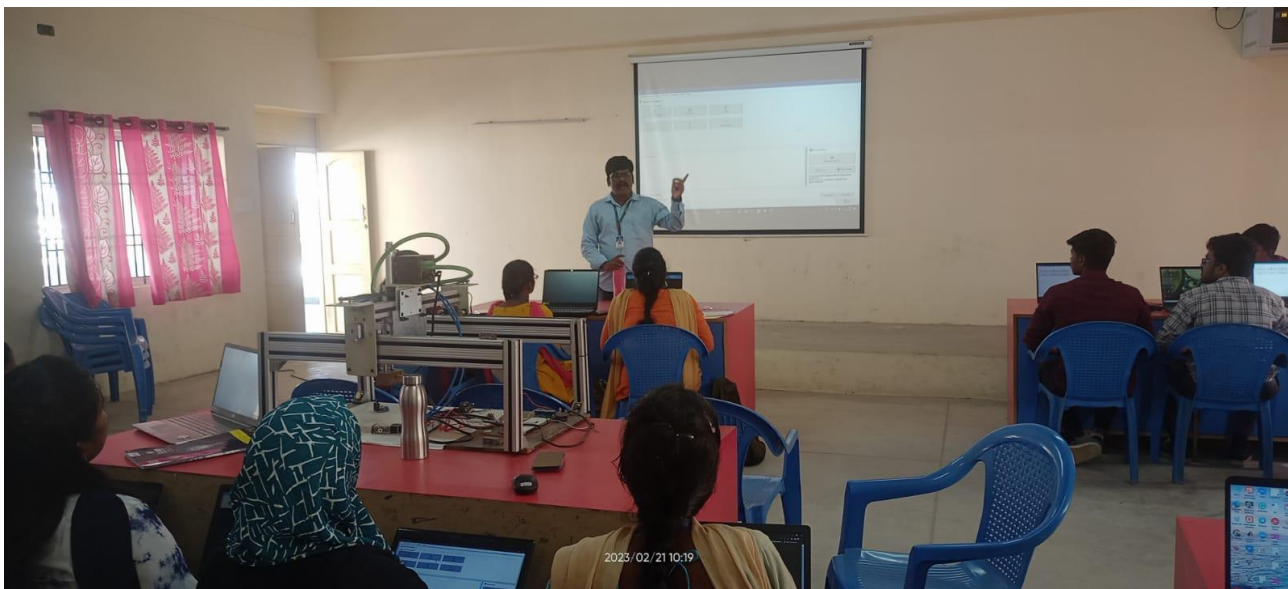
**Priyadarshan P Abhinaya K**  
STUDENT COORDINATORS

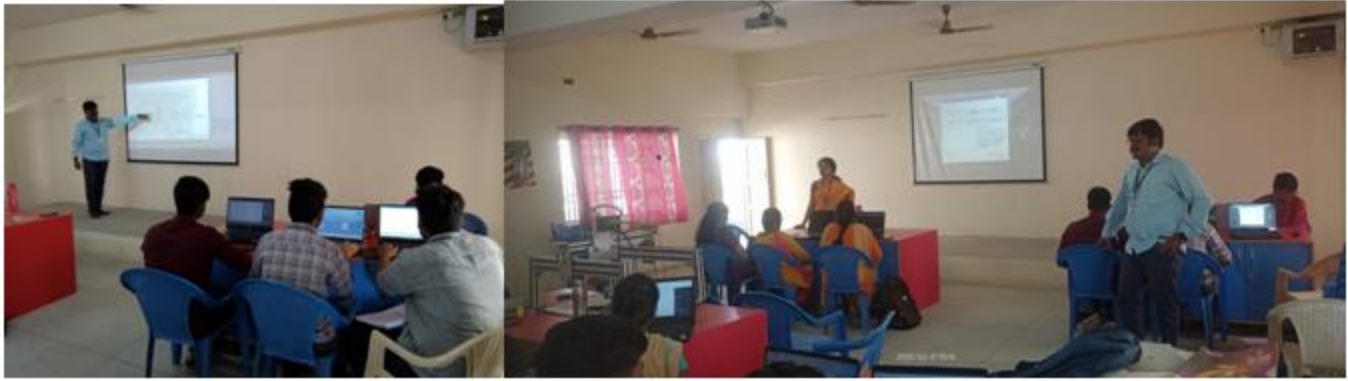
**Ms. Sharmila P Dr. Nayanatara C**  
STAFF COORDINATORS

**Dr. PALANIKUMAR K**  
PRINCIPAL  
Sri Sairam Institute Of Technology

**Dr. PORKUMARAN K**  
PRINCIPAL  
Sri Sairam Engineering College

**Dr. SAI PRAKASH LEO MUTHU**  
CHAIRMAN AND CEO - SAIRAM INSTITUTION



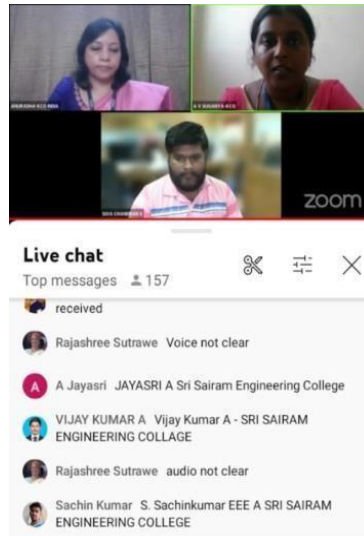


<b>Event title</b>	WORKSHOP ON SOLAR PLANT SYSTEM
<b>Date</b>	21 <sup>ST</sup> FEBRUARY 2023
<b>Duration</b>	5 HOURS
<b>No of participants</b>	50
<b>Outcome of the event</b>	<ol style="list-style-type: none"> <li>1. Understanding Solar Technology: Participants gain a comprehensive understanding of how solar power systems work, including solar panels, inverters, batteries, and grid integration.</li> <li>2. Technical Knowledge: They acquire technical knowledge about photovoltaic cells, solar energy generation, system design, installation, and maintenance of solar power systems.</li> <li>3. Hands-On Experience: Practical demonstrations or simulations provide hands- on experience, enhancing understanding and confidence in working with solar technologies.</li> <li>4. Environmental Awareness: Learning about the environmental benefits of solar energy fosters a deeper understanding of its role in reducing carbon emissions and mitigating climate change.</li> <li>5. Inspiration for Innovation: Exposure to advancements in solar technology and innovative solutions may inspire participants to contribute to the development of more efficient or sustainable solar systems.</li> </ol>

## (ii) EARTH HOUR

<b>Event title</b>	EARTH HOUR
<b>Date</b>	25 <sup>TH</sup> MARCH 2023
<b>Duration</b>	2 HOURS
<b>No of participants</b>	50
<b>Outcome of the event</b>	<ol style="list-style-type: none"> <li>1. Increased Environmental Awareness: Students gain a deeper understanding of environmental issues, particularly related to energy conservation, climate change, and the importance of sustainability.</li> <li>2. Community Engagement: Participation fosters a sense of community involvement and collective action towards environmental conservation within the campus or local community.</li> <li>3. Empowerment: Students feel empowered to make a tangible impact by promoting energy conservation and advocating for sustainability within their circles of influence.</li> <li>4. Educational Experience: The event serves as an educational platform, instilling values of environmental stewardship, and sustainability among students.</li> <li>5. Inspiration for Action: Exposure to the Earth Hour movement and its objectives inspires students to initiate or participate in other eco- friendly initiatives and campaigns.</li> </ol>

**(iii) IGEN ENERGYTHON 2023:**



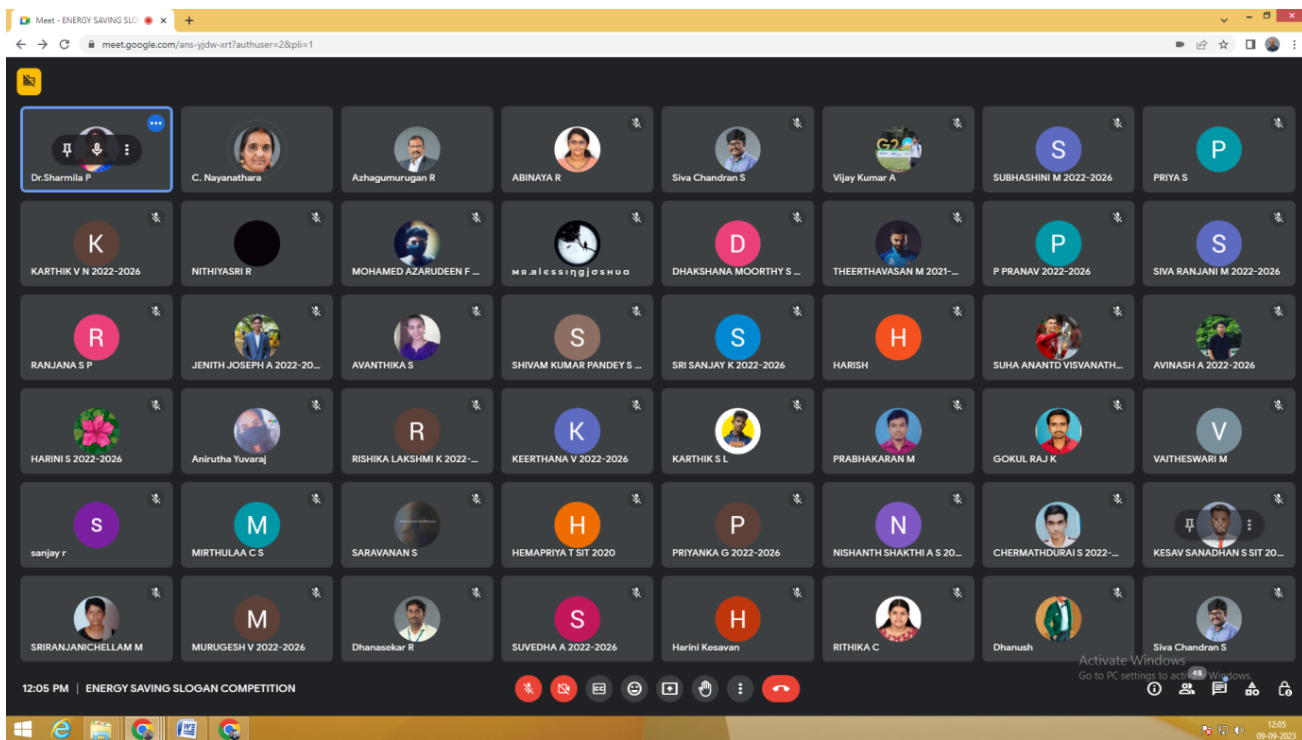
<b>Event Title</b>	IGEN ENERGYTHON 2023
<b>Date</b>	27 <sup>TH</sup> MAY 2023
<b>Duration</b>	12 HOURS
<b>No of participants</b>	320
<b>Outcome of the event</b>	<ol style="list-style-type: none"> <li>1. Innovative Thinking: Students develop innovative solutions to energy-related challenges, honing their problem-solving and critical thinking skills in a competitive environment.</li> <li>2. Interdisciplinary Learning: Collaboration with peers from diverse backgrounds fosters interdisciplinary learning, offering exposure to different perspectives and approaches to energy-related issues.</li> <li>3. Networking Opportunities: Interacting with industry professionals, mentors, and experts creates valuable networking connections that may lead to internships, job opportunities, or mentorship in the energy sector.</li> <li>4. Practical Experience: Engaging in hackathons, workshops, and problem-solving challenges provides hands-on experience, applying theoretical knowledge to real-world energy challenges.</li> <li>5. Leadership Skills: Participation encourages leadership development as students collaborate in teams, take initiative, and present innovative ideas and solutions to a panel of judges or mentors.</li> </ol>

## (iv).ENERGY SAVING SLOGAN COMPETITION:

The screenshot shows a Google Meet window with a presentation slide titled "ENSAV COLLABORATION 2023 ENERGY SAVING SLOGAN COMPETITION". The slide features logos for Sairam, RASE FOMs, and ENSAV CLUB. It lists the date as 09.09.2023 (Saturday) and mentions student coordinators. The slogan theme is "Be RESPONSIBLE & SAVE". The competition rules include individual participation in English and Telugu, a prize of ₹2000 for the winner, and a deadline of 09.09.2023. A video feed of a man with glasses is visible on the right side of the screen.

The screenshot shows a Google Meet window with a presentation slide titled "THE JOURNEY". The slide features the Sairam Institutions logo and the ENSAV CLUB logo with the tagline "Strive to Save". The slide is displayed in a Microsoft PowerPoint window. A video feed of a woman is visible on the right side of the screen.





<b>Event title</b>	ENERGY SAVING SLOGAN COMPETITION
<b>Date</b>	9 <sup>TH</sup> SEPTEMBER 2023
<b>Duration</b>	2 HOURS
<b>No of participants</b>	150
<b>Outcome of the event</b>	<ol style="list-style-type: none"> <li>1. Creativity Enhancement: Engaging in the competition encourages students to think creatively and craft impactful slogans that effectively communicate the message of energy conservation.</li> <li>2. Awareness and Education: Researching and developing slogans about energy-saving practices deepens students' understanding of the importance of energy conservation and its impact on the environment.</li> <li>3. Communication Skills: Crafting succinct and compelling slogans hones students' communication skills, enabling them to convey complex ideas concisely and effectively.</li> <li>4. Environmental Consciousness: Participation raises awareness about the environmental implications of energy consumption, fostering a sense of responsibility towards sustainable living.</li> <li>5. Motivation for Action: Developing slogans that promote energy-saving inspires students and their peers to adopt practical energy efficient habits in their daily lives</li> </ol>

## (v) IGEN GREEN DAY 2023:



<b>Event title</b>	IGEN GREEN DAY 2023
<b>Date</b>	25 <sup>TH</sup> OCTOBER 2023 TO 30 <sup>TH</sup> OCTOBER 2023
<b>Duration</b>	5 DAYS
<b>No of participants</b>	205
<b>Outcome of the event</b>	<ol style="list-style-type: none"> <li>1. Increased Awareness: Participants gain a deeper understanding of environmental issues, sustainable practices, and the importance of reducing their carbon footprint.</li> <li>2. Knowledge Enrichment: They acquire knowledge about green technologies, renewable energy solutions, waste reduction strategies, sustainable fashion, and other coconscious practices.</li> <li>3. Inspiration and Motivation: Engaging with experts, learning from success stories, and interacting with likeminded individuals can inspire and motivate participants to take proactive steps toward sustainability.</li> </ol>

### 3. OFF CAMPUS EVENTS:

#### ENERGY CONSERVATION DAY:



<b>Event title</b>	ENERGY CONSERVATION DAY
<b>Date</b>	13 <sup>TH</sup> DECEMBER 2023
<b>Duration</b>	5 HOURS
<b>No of participants</b>	15
<b>Outcome of the event</b>	<ol style="list-style-type: none"> <li>1. Increased awareness: Students may have gained a better understanding of the importance of energy conservation and its impact on the environment and society.</li> <li>2. Knowledge dissemination: Students may have shared the knowledge gained from the event with their peers and communities, spreading awareness about energy conservation principles.</li> <li>3. Engagement and participation: The event could have encouraged students to actively engage in discussions, workshops, and activities related to energy conservation, fostering a sense of responsibility towards sustainable practices.</li> <li>4. Project initiatives: Inspired by the event, students may have initiated projects or campaigns within their campus or local community aimed at promoting energy conservation and sustainability.</li> <li>5. Feedback and evaluation: Gathering feedback from participants can help the organizers assess the effectiveness of the event and identify areas for improvement in future initiatives related to energy conservation.</li> </ol>

## 4. ACHIEVEMENTS:



As global citizens, we try to reduce the impact of the elements that contribute to climate change by adopting clean energy and clean transportation. The prizes were given to the institution that satisfied the category.

PANEL DISCUSSION-ROLE OF BATTERY ENERGY STORAGE SYSTEM

## Certificate of Participation

presented to

**VIJAY KUMAR A**

**SRI SAIRAM ENGINEERING COLLEGE**

For taking part in the 1st Session of IGEN ENERGATHON 2023- Setting a new world record for the longest conference on SDG7 Affordable and Clean Energy towards Sustainability. This action was indexed in support of EARTHDAY 2023 and towards the SDG7 Affordable and Clean Energy. This Session held on 27th May 2023 , 6:45AM to 8:00AM in digital platform.

Partners



**LIGHT MILLENNIUM**  
Charitable Global Human Empowerment Organisation  
Disseminate with the United Nations Department of  
Global Communications



**SHILES4MILLIONS**  
Energy Swaraj Foundation  
Energy by Locals for Locals



uri.org

**Dr. M.G.R**

EDUCATIONAL AND RESEARCH INSTITUTE



INTERNATIONAL FOUNDATION

*Hudson Egbert*

**Er Hudson Egbert**  
General Secretary

WWW.THEIGEN.ORG



*S. Selva*

**Mr. Selvakumar**  
Organising Secretary

Ref : IGEN/EVENTS/SDG7/S1/27 MAY23



## IGEN SDG RESEARCH CONCLAVE

Certificate of Participation

This is to certify that

**ARUNRAJA M**

**Sri Sairam Engineering College**

has actively participated in the IGEN UN SDG Research  
Conclave G02 titled "SDG 07 Affordable and Clean Energy"  
on 24<sup>th</sup> March 2023.



*Hudson Egbert*

**Er Hudson Egbert**  
General Secretary

*Dr. K. Mohanasundaram*

**Dr. K. Mohanasundaram**  
Director



## **5. IGEN Events Participation:**

### **(i) IGEN ENERGYTHON 2023:**

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PANEL DISCUSSION-ROLE OF BATTERY ENERGY STORAGE SYSTEM

**Certificate of Participation**

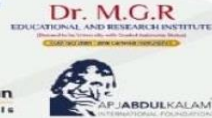
presented to

**VIJAY KUMAR A**

**SRI SAIRAM ENGINEERING COLLEGE**

For taking part in the 1st Session of IGEN ENERGATHON 2023- Setting a new world record for the longest conference on SDG7 Affordable and Clean Energy towards Sustainability. This action was indexed in support of EARTHDAY 2023 and towards the SDG7 Affordable and Clean Energy. This Session held on 27th May 2023 , 6:45AM to 8:00AM in digital platform.

Partners



*Hudson Egbert*  
**Er Hudson Egbert**  
General Secretary  
WWW.THEIGEN.ORG

*S. Selvakumar*  
**Mr. Selvakumar**  
Organising Secretary  
Ref : IGEN/EVENTS/SDG7/S1/27 MAY23



**IGEN ENERGATHON 2023**

Setting a new world record for the longest conference on SDG7 Affordable and Clean Energy towards Sustainability  
A marathon that lasted 18 hours - 16 sessions - 20 countries - 10 partners - 10 superstar speakers - 75 energy experts - 50 organizers - 20 academic partners - 20 industry partners join together through #sdg7 hosting igenenergathon 2023 via the online platform.

**The Institution of Green Engineers**

**SUSTAINABILITY ENERGY -A BOON OR A BANE  
SCHOOL STUDENTS DEBATE**

**CERTIFICATE OF PARTICIPATION**  
Presented to  
**ABHINAYA K**

---

**Sri Sairam Engineering college**

For taking part in the 2nd Session of IGEN ENERGATHON 2023- Setting a new world record for the longest conference on SDG7 Affordable and Clean Energy towards Sustainability. This action was indexed in support of EARTHDAY 2023 and towards the SDG7 Affordable and Clean Energy. The Session held on 27th May 2023 , 8:00AM to 9:00AM in digital platform.

Er Hudson Egbert  
General Secretary

Dr. Jhvat Meera Mirsana  
Organising Secretary

Dr. E. Kavitha  
Organising Secretary

Partners

WWW.THEIGEN.ORG

Ref : IGEN/EVENTS/SDG7/S2/27 MAY23

**(ii) IGEN GREEN DAY 2023:**



<b>Event title</b>	IGEN GREEN DAY 2023
<b>Date</b>	25 <sup>TH</sup> OCTOBER 2023 TO 30 <sup>TH</sup> OCTOBER 2023
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**igen** | The Institution of  
Green Engineers

# IGEN GREEN DAY 2023

## GREEN ACTION CERTIFICATION

This is to appreciate

**ABINAYA R**  
Sri Sairam Engineering College

for having actively participated in the **IGEN GREEN DAY 2023** by taking Green action pledge and contributing towards the UN Sustainable Development Goals. This certificate is being awarded on this day dated 23rd October 2023.

The IGEN team earnestly appreciates the diligent efforts made by the member and the presented outcome will be available at the QR code given below along with the hashtag **#igengreenday #igengreenday2023**.

Er Hudson Egbert  
General Secretary



Dr G. Pandian  
Principal Head

Ref: IGEN/GD23/OCT22



**igen** | The Institution of  
Green Engineers

# IGEN GREEN DAY 2023

## GREEN ACTION CERTIFICATION

This is to appreciate

**GURUPRASADH A**  
Sri Sairam Engineering College

for having actively participated in the **IGEN GREEN DAY 2023** by taking Green action pledge and contributing towards the UN Sustainable Development Goals. This certificate is being awarded on this day dated 23rd October 2023.

The IGEN team earnestly appreciates the diligent efforts made by the member and the presented outcome will be available at the QR code given below along with the hashtag **#igengreenday #igengreenday2023**.

Er Hudson Egbert  
General Secretary



Dr G. Pandian  
Principal Head

Ref: IGEN/GD23/OCT22

## **6. COLLABORATIONS AND PARTNERSHIPS EVENTS:**

<b>S NO</b>	<b>DATE</b>	<b>EVENT NAME</b>	<b>COLLABORATIONS AND PARTNERSHIPS</b>	<b>NO OF BENEFICIARY</b>
<b>1.</b>	<b>21.02.2023</b>	<b>WORKSHOP ON PV SYST SOLAR PANEL DESIGN SOFTWARE</b>	<b>IGEN</b>	<b>24</b>
<b>2.</b>	<b>25.03.2023</b>	<b>EARTH HOUR</b>	<b>IGEN</b>	<b>53</b>
<b>3.</b>	<b>09.09.2023</b>	<b>ENERGY CONSERVATION SLOGAN COMPETITION</b>	<b>IGEN</b>	<b>150</b>
<b>4.</b>	<b>22.10.2023</b>	<b>IGEN GREEN DAY (2023)</b>	<b>IGEN</b>	<b>430</b>
<b>5.</b>	<b>13.12.2023</b>	<b>ENERGY CONSERVATION DAY CELEBRATION</b>	<b>IEEE PES &amp; IGEN</b>	<b>70</b>
<b>6.</b>	<b>16.02.2024</b>	<b>MOCK MUN 1</b>	<b>IEEE SSIT &amp; IGEN</b>	<b>250</b>

## 7. OUTREACH AND ENGAGEMENT:



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969118°  
Long 80.03260188035291  
14/12/23 11:34:38



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969118°  
Long 80.03237°  
14/12/23 11:06 AM GMT +05:30



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969118°  
Long 80.03260188035291  
14/12/23 12:20:46



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969118°  
Long 80.03260188035291  
14/12/23 11:53:07



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969118°  
Long 80.03237°  
14/12/23 11:06 AM GMT +05:30

**Energy Conservation Day**  
14th December 2023, Thursday

**Awareness Campaign**  
**Save Energy !**  
**Save Nation !**  
**Save the Planet !!**

@ Nallur Govt. High School

Dr.K.Palanikumar  
Principal / SIT

Dr. K. Porkumar  
Principal / SEC

Dr. Sai Prakash LeoMuthu  
Chairman & CEO  
Sairam Institutions

**SRI SAI RAM**  
ENGINEERING COLLEGE  
INSTITUTE OF TECHNOLOGY  
Autonomous Institutions  
West Tambaram, Chennai - 44



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969118°  
Long 80.03237°  
14/12/23 11:06 AM GMT +05:30



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969114°  
Long 80.032356°  
14/12/23 11:28 AM GMT +05:30



Malayambakkam, Tamil Nadu, India  
X29M+G32, Malayambakkam, Tamil Nadu 602109, India  
Lat 12.968922°  
Long 80.032741°  
14/12/23 11:08 AM GMT +05:30




Malayambakkam, Tamil Nadu, India  
X29M+G32, Malayambakkam, Tamil Nadu 602109, India  
Lat 12.968998°  
Long 80.032734°  
14/12/23 11:07 AM GMT +05:30



Malayambakkam, Tamil Nadu, India  
Nallur Check Post, Malayambakkam, Tamil Nadu 602109  
Lat 12.969114°  
Long 80.032386°  
14/12/23 11:28 AM GMT +05:30





 **GPS Map Camera**

Malayambakkam, Tamil Nadu, India  
X29M+G32, Malayambakkam, Tamil Nadu 602109, India  
Lat 12.968922°  
Long 80.032741°  
14/12/23 11:08 AM GMT +05:30



 **GPS Map Camera**

Malayambakkam, Tamil Nadu, India  
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Lat 12.969114°  
Long 80.032356°  
14/12/23 11:28 AM GMT +05:30



Energy conservation isn't merely a buzzword or a passing trend; it is a critical imperative that demands our immediate attention and collective action. With each passing day, the global demand for energy continues to escalate, placing immense strain on our environment and finite reservoirs of fossil fuels. The repercussions of our unchecked consumption extend far beyond mere depletion; they manifest in the form of environmental degradation, climate change, and socioeconomic disparities.

As students, we possess an unparalleled capacity to effectuate change and drive meaningful progress. We are the torchbearers of innovation, the custodians of tomorrow, and it is incumbent upon us to champion the cause of energy conservation with unwavering resolve and unwavering dedication. The power lies within our hands to reshape the trajectory of our planet's future, to forge a path towards sustainability and resilience.

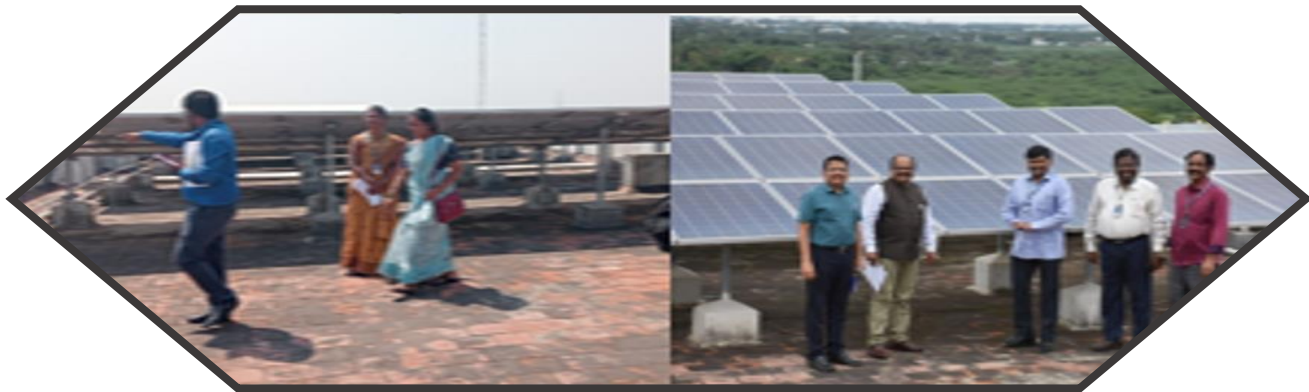
The theme of outreach and engagement underscores the pivotal role that each one of us plays in catalyzing widespread awareness and mobilizing our communities towards sustainable practices. It is not enough to simply acknowledge the importance of energy conservation; we must actively engage with our peers, our families, and our wider social networks to foster a culture of mindfulness and responsibility.

Through educational initiatives, workshops, and outreach programs, the ENSAV Club has endeavored to empower students with the knowledge and tools necessary to make informed decisions and adopt energy-efficient lifestyles. Whether it be through the promotion of renewable energy sources, the implementation of energy-saving technologies, or the cultivation of eco-friendly habits, every small step we take collectively contributes to a more sustainable future. Moreover, our engagement must extend beyond the confines of our academic institutions; we must actively collaborate with industry stakeholders, governmental bodies, and civil society organizations to enact meaningful policy reforms and drive systemic change. By leveraging our collective influence and amplifying our voices, we can compel policymakers to prioritize renewable energy investments, enact stringent regulations, and subsidize green initiatives.

## **8. IMPACT AND SUSTAINABILITY:**

### **A. ROOF TOP SOLAR SYSTEM:**

Through roof top solar system energy generated via solar (in kilowatts/month) is 71300 KWH. It meet almost 38% is the demand and working further to meet the demands in the future. It reduces the Carbon Foot Print in the atmosphere.



### **B. WASTE MANAGEMENT:**

The use of floral waste as a raw material for the production of agarbatti sticks has gained popularity in recent years as a way of reducing waste and promoting sustainability.



### **C. ENERGY EFFICIENT LEDs:**

The LED lamps on campus help to minimize energy usage, which lessens the demand for power plants and also reduces greenhouse gas emissions. The light's efficiency has been boosted by 98%.



### **D. ELECTRIC VEHICLES:**

The usage of conventional vehicles are prohibited inside the campus. The electric vehicles are used for local transportation.





சென்னை அடுத்த மேற்கு தாம்பரம் ஸ்ரீ சாய்ராம் பொறியியல் கல்லூரியில் இந்திய அரசின் இளைஞர் நலம் மற்றும் விளையாட்டி துறை சார்பாக மாண்டிபுகு இந்திய பிரதமர் நரேந்திரமோடி அவர்கள் அறிவிப்பில் கல்லூரி வளாகத்தில் 50 க்கும் மேற்பட்ட மாணவர்கள் மற்றும் ஆசிரியர்கள் ஆசிரியர் அல்லாத ஊழியர்கள், இந்திய ஆரோக்கியம் என்ற நோக்கத்திற்க்காக 50 சைக்கிள் பயணம் மேற்கொண்டு இந்திய மக்களின் ஆரோக்கியத்தை பற்றிய விழிப்புணர்வை 5 கிராமங்களிக் பரப்புரை செய்தனர். இவ்வழிவின் கல்லூரி முதல்வர் முனைவர் இராஜேந்திரபிரசாத் அவர்கள் துவக்கி வைத்தார். உடன் கல்லூரி பேராசிரியர்கள், ஊழியர்கள், மாணவர்கள் இந்திய ஆரோக்கியத்தின் பரப்புரையில் பங்குபெற்றனர்.





## **CONCLUSION:**

In summary, the Ensav Club of Sri Sai Ram Engineering College has exemplified a commendable dedication to promoting energy conservation awareness through a multitude of impactful initiatives. With the organization's hosting of over 12 events focused on energy conservation, including efforts targeting not just students but also the broader public, the club has demonstrated a commitment to reaching diverse audiences and fostering a culture of sustainability within the community.

Furthermore, the club's proactive approach to education extends to the realm of renewable energy through the facilitation of engaging webinars. By providing accessible platforms for learning about renewable energy opportunities, Ensav Club has empowered individuals with the knowledge and resources needed to embrace sustainable practices. These webinars serve as invaluable tools for sparking dialogue and inspiring action towards a greener future.

Moreover, the club's innovative competition designed to promote a fun learning environment has proven to be an effective strategy for instilling enthusiasm and creativity in energy conservation efforts. By integrating enjoyment into educational endeavors, Ensav Club has successfully captured the attention and participation of its audience, fostering a sense of excitement and motivation to actively engage in sustainable practices. In conclusion, the Ensav Club's multifaceted approach underscores its role as a catalyst for positive change in promoting energy conservation and sustainable living within the Sri Sai Ram Engineering College community and beyond.