

## Autonomous Institution Tiruchengode – 637 215

# KSRIET – IGEN – ENSAV CLUB





# Activity Report January 2024 - March 2024













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# ABOUT KSRIET & IGEN ENSAV CLUB

#### **ABOUT KSRIET**

The K S R Institute for Engineering and Technology an autonomous college is another landmark of the Aarthi Educational & Charitable Trust which has the perquisite of sprawling education proportionally to the society. It has been founded in the year 2011 by the man of great insight, Thiru.R. Srinivasan. He is the younger son of Lion Dr.K.S.Rangasamy whose altruism enlightens the society. His constant dreams and endeavors erected the dome of knowledge for quenching the long unanswered quest among the blooming minds.The embellishment of the college holds the new doctrine of teaching, will be ideal for students to kindle the dormant spirit towards learning. The college is an optimal place for pedagogical as well as ethical values. The proficient stream of faculty along with the well-equipped laboratories and technical support foresee the dream of the students.

#### **ABOUT IGEN ENSAVCLUB**

The Institution of Green Engineers (IGEN), connects green professionals worldwide, working towards SDG goals and providing solutions for a sustainable greener future through the 9colour nonagon VIBBGGYOR society. The Institution of Green Engineers (IGEN) announced its Energy Action through one of the IGEN VIBBGGYOR Societies named ENergy Efficiency Research Group (GREEN9), and activities planned towards #SDG7 Affordable and Clean Energy. In order to raise awareness about energy conservation, the team #igengreen9 established the Energy Saving Avarness Club (EnSAv Club) in 2016. The club will raise awareness about energy efficiency and educate the public about climate change issues. #THEIGEN #SDGS #SDG #SDG7 #IGENGREEN9.IGEN ENSAVCLUB - As part of its energy-saving awareness efforts, the Institution of Green Engineers launched the EnSAv (Energy Saving Awareness) Club in 2016 under the VIBBGGYOR society Energy Efficiency Research Group (GREEN9), with the first club inaugurated at Dr MGR Educational and Research Institute, Chennai, India. As a result, the club extends its activities across PAN India by opening ENSAVCLUB at academic institutions. This will result in the establishment of 30 clubs by April 2023. With support from dedicated student and staff volunteers, the club is focusing on creating awareness about energy conservation and changing public attitudes towards the need of conservation action. With the primary focus on SDG7 affordable and clean energy – all activities and events organized by the clubs will align with and focus on United Nations Sustainable Development Goals. It is mandatory that club activities be planned and executed according to the IGEN ENSAVCLUB TOOLKIT 2023.

Throughout the year, the activities of the clubs will be monitored by the IGEN ENSAVCLUB Organisers team and the STAR Rating outcomes will be presented at the annual meeting of the IGEN ENSAVCLUB held every March. #IGENENSAVCLUB

# **IGEN ENSAV CLUB-OFFICE BEARERS**

# IGEN ENSAV CLUB-OFFICE BEARERS

S. NO	NAME OF THE STUDENT	YEAR	DEPARTMENT	DESIGNATION
1.	PAVITHRAN G	III	BME	PRESIDENT
2.	RATHISHKUMAR J	II	CSE	VICE PRESIDENT
3.	INDRESH S	II	ECE	SECRETARY
4.	VIMAL S	II	MECH	JOINT SECRETARY
5.	GOWTHAM K	II	EEE	TREASURER
6.	GLADSON J	III	IT	EXECUTIVE MEMBER
7.	SANJAY V N	Ι	CS	EXECUTIVE MEMBER

# IGEN ENSAV CLUB FACULTY&STUDENTS MEMBERS

# IGEN ENSAV CLUB FACULTY AND STUDENTS MEMBERS

S. NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT
1.	DR.P.MURUGESAN	Professor	MECH
2.	DR. A. MURUGESAN	Associate Professor	EEE
3.	MR. M. A. STEPHENRAJ	Assistant Professor	EEE
4.	MS.T.NANDHINI	Assistant Professor	IT
5.	MRS.K.SHANMUGAPRIYA	Assistant Professor	IT
6.	MR.K.VINOTH	Assistant Professor	CSE
7.	MR.V.KARTHI	Assistant Professor	CSE
8.	MR.R.RAVICHANDRAN	Assistant Professor	ECE
10.	MR.A.MOHANRAJ	Assistant Professor	MECH
11.	MR.S.RAHUL	Assistant Professor	MECH
12.	MR.S.PARAMESWARAN	Assistant Professor	BME
13.	DR.S.ANAND	Assistant Professor	CHEM

S. NO.	NAME OF THE STUDENT	YEAR	DEPARTMENT
1.	ANUSHA M S	Ι	EEE
2.	INDHUMATHI R	Ι	EEE
3.	KAVINRAJ A	I	EEE
4.	SANTHOSH L	Ι	EEE
5.	THIRUSELVAM T	Ι	EEE
6.	ARAVINDHAN C	II	EEE
7.	GAJALAKSHMI K	II	EEE
8.	GOWTHAM K	II	EEE
9.	SABARI K	II	EEE
10.	SEVVEL L	II	EEE
11.	AATHI KESAVAN G	III	EEE
12.	BHARANITAREN M P	III	EEE
13.	SABARIHARIHARAN M	III	EEE
14.	SAKTHIVEL V	III	EEE
15.	JAYAM M	III	EEE
16.	DHARUN KUMAR V	III	IT
17.	ELSON DEVARAJ R	III	IT
18.	GLADSON J	III	IT
19.	GOWSIKK KUMAR K	III	IT
20.	YASHWANTH N	III	IT
21.	HARIPRAKASH A	II	IT
22.	KARTHIKEYAN S	II	IT
L		I	

[	MATHAN S I	II	IT
23.			
24.	MOULIDHAR V T	Π	IT
25.	SUDHAKAR M	II	IT
26.	GOKULA BHARATHI L	Ι	IT
27.	SRINIVASAN V	Ι	IT
28.	SREEJA M	Ι	IT
29.	SELVASRI S	Ι	IT
30.	SARATHY S	Ι	IT
31.	GOPINATH D	Ι	CSE
32.	KEERTHIVASAN A S	Ι	CSE
33.	POOJA N	Ι	CSE
34.	SHAKTHIVISHWA M	Ι	CSE
35.	SWATHI S	Ι	CSE
36.	TAMILARASAN S	Ι	CSE
37.	ARIPRASANTH V	П	CSE
38.	ELANGO V	П	CSE
39.	HARSHITHA N	II	CSE
40.	RATHISH KUMAR J	II	CSE
41.	LOGESHWARAN M	II	CSE
42.	SURYA J	II	CSE
43.	YASAR ARAFATH AZAD ALI	III	CSE
44.	PRABHU R	III	CSE
45.	MATHIYAZHAGAN S	III	CSE

46.	SOWMIYA S	III	ECE
47.	POOJA S	III	ECE
48.	KEERTHIVASAN V	III	ECE
49.	ROHITH M	III	ECE
50.	SUDHARSAN S	III	ECE
51.	VENKATESH V	II	ECE
52.	PRAGADHEESH J	II	ECE
53.	DHARANI DHARAN S	II	ECE
54.	INDRESH S	II	ECE
55.	ARAVINDHAN S	II	ECE
56.	ABINAYA C	Ι	ECE
57.	JOSIKA C	Ι	ECE
58.	KAVYA M	Ι	ECE
59.	VARUN HARIHARAN S	Ι	ECE
60.	JANANITHA J	Ι	ECE
61.	RIBASH AHAMED A	Ι	ECE
62.	CHITHISAISELVI M	Ι	BME
63.	KAVINPRIYAN M	Ι	BME
64.	NAVANEISHV M	Ι	BME
65.	NISHASRI S	Ι	BME
66.	YOGESH C	Ι	BME
67.	DINESH.M	II	BME
68.	GOKULAVASAN.C	II	BME
L			

69.	INDIRAN.K	II	BME
70.	KAVIYASREE B K	II	BME
71.	RAMYA S	II	BME
72.	AGILAMBAL S	III	BME
73.	BHARATHKUMAR R	III	BME
74.	PAVITHRAN G	III	BME
75.	PRASANNA S	III	BME
76.	PRIYADHARSHINI N	III	BME
77.	ABURAR AHAMED A	Ι	MECH
78.	AJAY P	Ι	MECH
79.	BHAVYA S	Ι	MECH
80.	DHARANEESH EM	Ι	MECH
81.	VIGNESH KANDAVEL P	Ι	MECH
82.	JOSHIKA G	Ш	MECH
83.	CHANDRU A	П	MECH
84.	KAVI KUMAR M	Ш	MECH
85.	NANDHAKUMAR S	II	MECH
86.	TEJASWIN K	II	MECH
87.	BAATH S	II	MECH
88.	ABHISHEK M	II	MECH
89.	MYTHRAYA T	II	MECH
90.	ANUPRIYA M	II	MECH
91.	VIMAL S	II	MECH

92.	ABISHECK K	Ι	CSE CS
92.		_	
93.	GOKULLINGAM P	Ι	CSE CS
94.	GOWTHAM P	Ι	CSE CS
95.	KEERTHIVASAN G S	Ι	CSE CS
96.	MANUJ C S	Ι	CSE CS
97.	SRIMAN S	I	CSE CS
98.	THIRUMURURAN P	I	CSE CS
99.	JOEL PRAVEEN J	Ш	CSE CS
100.	VETHA VIJAYAN N	Ш	CSE CS
101.	SAISARAN R	П	CSE CS
102.	SUBASH P	П	CSE CS

# **IGEN ENSAVCLUB INAUGUARATION**

# KSR IGEN ENSAVCLUB INAUGUARATION BY THE INSTITUTION OF GREEN ENGINEERS





# IGEN ENSAV CLUB GREEN DAY AWARD

### IGEN ENSAV CLUB GREEN DAY AWARD



EnSAv (Energy Saving Awareness) Club events focuses on developing student's technical and professional skills through various training and awareness programs.

During the year October 2023, 1340 green actions has achieved through EnSAv (Energy Saving Awareness) Club. The institute of green engineers appreciated and motivated to honour us the award to KSR Institute for Engineering and Technology. On behalf of KSR Institute for Engineering and Technology, **Dr. M. VENKATESAN, Principal and** Dr.P.Murugesan, Director (CR & Skill Development) has received the silver category in IGEN GREEN DAY AWARD 2023.

# **IGEN – ENSAV CLUB EVENT ACTIVITY**

# IGEN – ENSAV CLUB EVENT ACTIVITY

S. No	Date	Type of the Activity	Name of the Activity	Number of Partcipation
1.	11-02-2024	ON-CAMPUS	Virtual Poster competition	160
2.	02-03-2024	ON-CAMPUS	Conserve EnergyPainting / Poster Competition	121
3.	09-03-2024	ON-CAMPUS	green9 mantras Awareness to staff members/Students	350
4.	16-03-2024	OFF-CAMPUS	SDG 7 and Energy Seminars or Lectures	250
5.	23-03-2024	OFF-CAMPUS	Energy Save Village Awareness Camp	40
6	06-04-2024	OFF-CAMPUS	Public Awareness Program on Importance of Energy Conservation	45

#### VIRTUAL-POSTER COMPETITION ON 11.02.2024



The International Day of Women and Girls in Science is celebrated on February 11 every year. The day is observed by the United Nations to promote full and equal access and participation of women in science, technology, engineering and mathematics (STEM) fields. International Day of Women and Girls in Science 2024 will be celebrated on the theme 'Innovate Demonstrate. Elevate. Advance, equal participation and leadership of women and girls in the science and technology communities is more important than ever. Now is the time to recognize women's contributions in research and innovation, smash stereotypes and defeat discrimination against women and girls in science, importance of gender equality and work towards creating a more inclusive world. women are recognized for their achievements without regard to divisions, whether national, ethnic, linguistic, cultural, economic or political. The growing international women's movement, which has been strengthened by four global United Nations women's rights

#### **CONSERVE ENERGY PAINTING / POSTER COMPETITION ON 02.03.2024**



The Conserve Energy Painting /Poster Competition was organized in Display Hall. The session started with a welcome address by Gladson J III-IT. Chief Guest Dr.K.Tamizharasu Professor/CSE, Dr.S.Rajasekaran Professor/EEE. Poster competitions are an excellent way for young minds to develop their artistic skills, express their creativity, and gain valuable experience and recognition. In the face of increasing energy demands and environmental concerns, energy conservation has emerged as a crucial component of sustainable development. Educating residents and businesses about energy-saving practices is essential to promote responsible energy consumption and reduce the carbon footprint.Poster competitions raise awareness of issues and participation programs. Posters provide visual, colourful, simple ways to communicate community issues and events, and are suitable for display in community spaces.Finally the session was ended with a vote of thanks delivered by Dharun III-IT

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#### **GREEN9 MANTRAS AWARENESS TO STAFF /STUDENTS ON 9.3.2024**



K S R Institute for Engineering and Technology and IGEN- ENSAV club organized an Awareness Program on "Green Nine Mantras" on 09.03.2024.Awareness program provide a platform for participants to share their commitments with the group or publicly declare their intentions to take action on green nine Mantras for energy conservation. EnSAv Club focuses on bringing about a first-hand realization of the energy crisis and scarcity of natural resources in the country. With the increasing demand for energy, effective management and conservation of the same has become the need of the hour. Recognizing the immense value of the Professional Students can bring the initiative and taking due consideration of this urgent need, GREEN9 started Energy Saving Awareness Club (EnSAv Club), to propagate efficient usage of energy and to educate the society on climate change issues in the fore coming years.

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#### **ENERGY CONSERVATION TO SCHOOL STUDENT SEMINAR ON 11.03.2024**



The Energy conservation seminar given to the various school students (both Government & Private school in Namakkal District) on 11.03.2023 Monday by K S R Institute for Engineering technology IGEN Ensave Club members. The seminar aimed to raise awareness about the importance of energy conservation in a family and society. The seminar witnessed enthusiastic participation from students. The seminar on energy conservation served as a platform for young minds to save the energy. The seminar played a valuable role in nurturing informed and responsible citizens for the future.By imparting knowledge and skills on energy-saving practices, individuals and businesses can actively participate in reducing energy consumption, promoting energy efficiency, and embracing renewable energy source.

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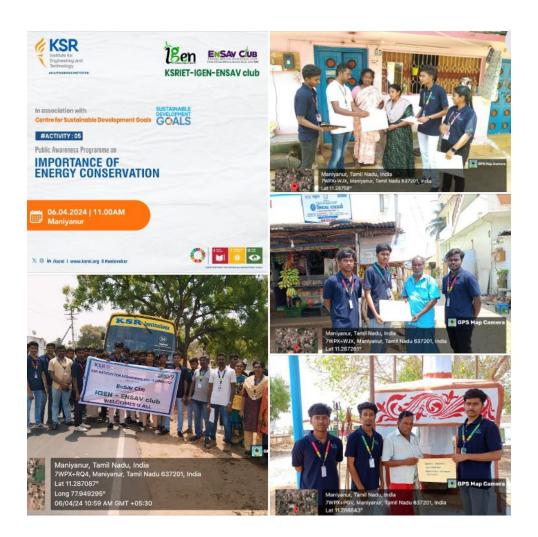
#### **ENERGY SAVE VILLAGE AWARENESS CAMP ON 23.03.2024**



K S R Institute for Engineering and Technology and IGEN- ENSAV club organized an Energy Save Village Awareness Camp on 23.03. 2024. Awareness program provide a platform for participants to share their commitments with the group or publicly declare their intentions to take action on green nine Mantras for energy conservation. EnSAv Club focuses on bringing about a first-hand realization of the energy crisis and scarcity of natural resources in the country. With the increasing demand for energy, effective management and conservation of the same has become the need of the hour. Recognizing the immense value of the Professional Students can bring the initiative and taking due consideration of this urgent need, GREEN9 started Energy Saving Awareness Club (EnSAv Club), to propagate efficient usage of energy and to educate the society on climate change issues in the fore coming years.

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#### PUBLIC AWARENESS PROGRAM ON IMPORTANCE OF ENERGY CONSERVATION on 06.04.2024



KSRIET-IGEN-ENSAV Club orgranised Public Awareness Program on Importance of Energy Conservation on 06.04.2024 at MANIYANUR, NAMAKKAL DISTRICT, TAMIL NADU. The program highlighted practical strategies for reducing energy consumption in daily life, emphasizing the significant impact even small adjustments can make on energy efficiency to the public. Club Memebers were raising awareness and empowering individuals to take proactive steps towards conservation, this initiative catalyzed a collective commitment to preserving our planet for generations to come.

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# **ACTIVITY REPORT**



#### VIRTUAL-POSTER COMPETITION

programScienceDateIOEN CHORNTitle of the programVirtual-Poster CompetitionDate11.02.2024Brief Report of the Program The International Day of Women and Girls in Science is celebrated on February 11 every year. The day is observed by the United Nations to promote full and equal access and participation of women in science, technology, engineering and mathematics (STEM) fields. International Day of Women and Girls in Science 2024 will be celebrated on the theme 'Innovate Demonstrate. Elevate. Advance, equal Origination and leadership of women and girls in the science and technology communities is more important than were. Now is the time to recognize women's contributions in research and innovation, smash stereotypes and defeat discrimination against women are recognized for their achievements without regard to divisions, whether national, ethnie, linguistic, cultural, economic or political. The growing international women's movienent, which has been strengthened by four global United Nations women's conferences, has helped make the commemoration a rallying point to build support for women's rights. We were asked to experiment with a real-world dataset, and to explore how movinine learning lagorithms can be used to find the patters in data. We were expected to gain experience using a motata. We were expected to submit a report about the dataset and the algorithms used.DateIntel Lindel 2004 Torecognize the remarkable contributions of women who have broken barriers demonstrated leadership, and made a significant impact in their respective fields.Outcome of the ProgramTo recognize the remarkable contributions of women who have broken barriers demonstrated leadership, and made a significant impact in their respective fields.	Name of the	International Day of Women	TIRUCHENGODE- 637215 and Girls in	ICEN ENGAV
Title of the program       Virtual-Poster Competition       Number of Participants Attended       CSE - 42 CSE - 29 CSE - 20 CSE - 42 CSE - 42	program		Club Name	IGEN ENSAV
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#### **CONSERVE ENERGY PAINTING / POSTER COMPETITION**

KSR		OR ENGINEERING AND	
Mersen!	T	RUCHENGODE- 637215	
	R	eport of the Activity	
Academic Year	2023 - 2024	SEMESTER	Even
M . Carlos Costa	DEPARTMENT	OF INFORMATION TECH	INOLOGY
Name of the program	Poster Competition	CLUB NAME	IGEN ENSAV
		Date	02.03.2024
Title of the program	Conserve Energy Painting	Time	11.00AM - 02.00PM
	/Poster Competition	Venue	DISPLAY HALL
		Number of Participants Attended	EEE-35 IT-33 ECE-20 BME-14 MECH-10 CSE-7 CS-2
was organized in Displa a welcome address	Painting /Poster Competitior y Hall. The session started with by Gladson J III-IT. Poster	· · · · · ·	Total:121 Photos
The Conserve Energy was organized in Displa a welcome address competitions are an exc develop their artistic ski gain valuable experience increasing energy de concerns, energy conser component of sustain residents and businesses is essential to promote re and reduce the carbon raise awareness of issue Posters provide visual communicate communi suitable for display in o session was ended with Dharun III-IT <b>Outcome of the Progra</b>	Painting /Poster Competition y Hall. The session started with by Gladson J III-IT. Poster ellent way for young minds to lls, express their creativity, and e and recognition. In the face o emands and environmenta vation has emerged as a crucia able development. Educating s about energy-saving practices esponsible energy consumption footprint. Poster competitions es and participation programs l, colourful, simple ways to ty issues and events, and are community spaces. Finally, the a vote of thanks delivered by m To express creativity and Poster Making Competit	A passion for a sustainable fut ion on Energy Conservation	Photos
The Conserve Energy was organized in Displa a welcome address competitions are an exc develop their artistic ski gain valuable experience increasing energy de concerns, energy conser component of sustain residents and businesses is essential to promote re and reduce the carbon raise awareness of issue Posters provide visual communicate communi suitable for display in o session was ended with Dharun III-IT <b>Outcome of the Progra</b>	Painting /Poster Competition y Hall. The session started with by Gladson J III-IT. Poster ellent way for young minds to Ils, express their creativity, and e and recognition. In the face o emands and environmenta vation has emerged as a crucia able development. Educating is about energy-saving practices esponsible energy consumption footprint. Poster competitions es and participation programs l, colourful, simple ways to ty issues and events, and are community spaces. Finally, the a vote of thanks delivered by m To express creativity and Poster Making Competiti PO1, PO2, PO3, PO4, I	a passion for a sustainable fut ion on Energy Conservation PO7, PO8, PO9, PO10, PO1	Photos
The Conserve Energy was organized in Displa a welcome address competitions are an exc develop their artistic ski gain valuable experience increasing energy de concerns, energy conser component of sustain residents and businesses is essential to promote re and reduce the carbon raise awareness of issue Posters provide visual communicate communi suitable for display in o session was ended with Dharun III-IT <b>Outcome of the Progra</b>	Painting /Poster Competition y Hall. The session started with by Gladson J III-IT. Poster ellent way for young minds to lls, express their creativity, and e and recognition. In the face o emands and environmenta vation has emerged as a crucia able development. Educating s about energy-saving practices esponsible energy consumption footprint. Poster competitions es and participation programs l, colourful, simple ways to ty issues and events, and are community spaces. Finally, the a vote of thanks delivered by m To express creativity and Poster Making Competit	a passion for a sustainable fut ion on Energy Conservation PO7, PO8, PO9, PO10, PO1	Photos

#### GREEN9 MANTRAS AWARENESS TO STAFF /STUDENTS

Institute for Engineering and Technology	(AN AU	OR ENGINEERING AND T JTONOUMS INSTITUTION RUCHENGODE- 637215	
	Report of the	Activity	
Academic Year	2023 - 2024	SEMESTER	Even
		ELECTRICAL AND EL	ECTRONICS
Name of the program	Awareness Program	CLUB NAME	IGEN ENSAV
		Date	09.03.2024
Title of the program	Awareness Program "Green Nine Mantras"	Time	11.00AM
		Venue	SAPPHIRE HALL
		Number of Participants Attended	All Dept
	organized an Awareness		KSR E
Program on "Gree 09.03.2024. Awareness priparticipants to share their or publicly declare their green nine Mantras for Club focuses on bringing of the energy crisis and s the country. With the ir effective management and become the need of the h value of the Profession initiative and taking due need, GREEN9 started E (EnSAv Club), to propag and to educate the societ	en Nine Mantras" on rogram provide a platform for r commitments with the group intentions to take action on energy conservation. EnSAv g about a first-hand realization scarcity of natural resources in nereasing demand for energy, d conservation of the same has our. Recognizing the immense nal Students can bring the e consideration of this urgent nergy Saving Awareness Club gate efficient usage of energy y on climate change issues in		
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About Programme

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/Activity

#### K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE – 637 215

An Autonomous Institution

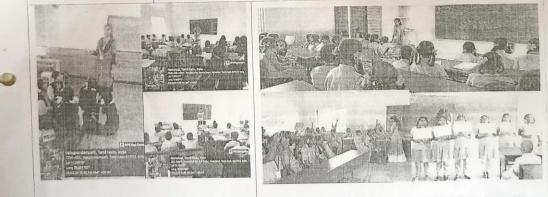
#### IGEN GREEN ENSAVCLUB

Seminar on Energy Conservation to the School Students

Date: 11.03.2024

Name of the Programme	Seminar on Energy Conservation to the School Students			
Date & Time	11/03/2024 & 09:30 am		Venue	Government Schools
Topic	Energy Conservation	No of students participated No of Beneficiaries		250
				250

The energy conservation seminar given to the various school students (both Government & Private school in Namakkal District) on 11.03.2023 Monday by K S R Institute for Engineering technology IGEN Ensave Club members. The seminar aimed to raise awareness about the importance of energy conservation in a family and society. The seminar witnessed enthusiastic participation from students. The seminar on energy conservation served as a platform for young minds to save the energy. The seminar played a valuable role in nurturing informed and responsible citizens for the future



#### K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY (AN AUTONOUMS INSTITUTION) **TIRUCHENGODE- 637215 Report of the Activity** Academic Year 2023 - 2024 SEMESTER Even DEPARTMENT OF MECHANICAL ENGINEERING Name of the program **Awareness Program CLUB NAME IGEN ENSAV** Date 23-03-2024 Time 11.00AM **Awareness Program** Title of the program "Energy Save Village Venue Devanankurichi Awareness Camp" Number of Participants 40 Attended Brief Report of the Program **Sample Photos** K S R Institute for Engineering and Technology and IGEN- ENSAV club organized an Awareness Program "Energy Save Village Awareness Camp on 23-03-2024. Awareness program provide a platform for participants to share their commitments with the group or publicly declare their intentions to take action on green nine Mantras for energy conservation. EnSAv Club focuses on bringing about a first-hand realization of the energy crisis and scarcity of natural resources in the ENERGY SAVE VILLAGE country. With the increasing demand for energy, AWARENESS CAMP effective management and conservation of the same has become the need of the hour. Recognizing the immense value of the Professional Students can bring the initiative and taking due consideration of this urgent need, GREEN9 started Energy Saving Awareness Club (EnSAv Club), to propagate efficient usage of energy and to educate the society on climate change issues in the fore coming years. **Outcome of the Program** Energy efficiency saves money, increases the resilience and reliability of the electric grid, and provides environmental, community, and health benefits. PO1, PO2, PO3, PO4, PO7, PO8, PO9, PO10, PO11, PO12, PS01, PS02 **Mapping of POs** SDG-04, SDG-07, SDG-13 **Mapping of SDGs** RULETA 1. for Dept Coordinator 3/24 HoD/MECH Director CR&SD Principa

#### ENERGY SAVE VILLAGE AWARENESS CAMP

#### GLIMPSES OF EVENTS





