



The Institution of
Green Engineers



EVENTS OUTCOME BOOK 2020



IGEN GREEN9 Working towards United Nation Sustainable Development Goals 7 and Connect SDGs



www.igengreen9.org



A Registered Society under The Institution of Green Engineers (IGEN)



A Unit of Energy Efficiency Research Group, under IGEN

WELCOME TO IGEN ENSAV CLUB EVENTS BOOK 2020





About IGEN

The Institution of Green Engineers (IGEN), a nonprofit organization working wholeheartedly and with all sincerity for the cause of the environment to promote a cleaner and greener world.

IGEN plays an active role in connecting professionals working with Green Technologies and is proudly registered under Societies Registration Act 27 of 1975 vide Registration No: CN/SR/3032019.

It works towards achieving UN Sustainable Development Goals (3,4,6,7,9,11,12,13 & 17), strives to be a part of Government policy drafting as a solution provider, develops Innovative products under Make in India initiatives which leads to a sustainable Greener world and organizes innumerable activities through VIBBGYOR society.

Serve as a catalyst to connect all professionals for building a greener world. To bring together all the professional practitioners working for creating a green community. To provide sustainable environmental solutions to achieve a green world. To inspire, inform and influence the global engineering community to adopt green engineering practices in their design, product, process and systems.

Many like-minded groups are connected together to achieve global goals.

Website-www.igengreen9.org

About ENSAV Club

ENergy Efficiency Research Group (GREEN9) formulated in the year 2016 and initiated the energy efficiency activities from 18th June, 2016. In the year 2019, GREEN9 affixed it with a Registered Professional Society named as "The Institution of Green Engineers"(IGEN) (Registered under Societies Registration Act 27 of 1975, wide Registration No: CN/SR/3032019). In order to provide the best solution for UN SDG Goal 7 and target 7.2, IGEN-GREEN9 started the new club and named as Energy Saving Avarness Club (EnSAv Club)

EnSAv (Energy Saving Avarness) 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.

Energy Saving Avarness Club allows the student to showcase their talents and concern towards energy conservations and importance of implementing renewable sources. As students, parent and teachers are being sensitized towards "energy conservations" issues that confront each one of us , today. Today, along with energy conservation, we are sensitizing students about resource scarcity, and effects of CO2 emissions.

The Objective of EnSAv Club is

To facilitate club students to achieve energy ambassador certificate through SOU/Day Audit

To implement energy efficiency projects to the nearby societies

To publish the concluded project outcome in indexed Journals

IGEN-GREEN9, Unit of VIBBGYOR Society, have served the Community for over 7 years in the field of Energy Efficiency Research and Energy Conservation activities. This resulted 24EnSaV (Energy Saving) clubs in colleges and schools , more than 200 events, 10 village adaptation, promotion of 9mantras, research projects, which resulted the outcome of 2L unit saved, 25 research publication, 2 village declared as energy saver village, created energy conservation awareness with 25L people and many more on energy efficiency. To witness the SDG 7,9,13 activities towards IGEN GREEN9 ENSAV Clubs, we had organised first IGEN GREEN9 SDG CONCLAVE 2020.



Message From President

The Institution of Green Engineers is happy to provide the best solution for UN SDG Goal 7, which insists about ensuring access to affordable, reliable, sustainable and modern energy for all. According to a report in 2019, the world is making progress towards achieving SDG 7, but will fall short of meeting the targets by 2030 at the current rate of progress. SDG 7 and Climate change mitigation (SDG 13) are closely related and complementary.

Ensav club started its energy conservation events from the year 2016. Nearly 70+ plus events were conducted to spread awareness to the public about the need for energy conservation, 9 mantras to save one unit per day to reach the goal SDG 7. The events conducted were cycle rally, drawing competition, quiz competition, energy awareness rally, save one unit per day campaign.

I express my sincere thanks to Dr. S. Madan Kumar for his plan and execution of Ensav club events. I further would like to express my thanks to all college principals, staff organizers, students members for their support to successful execution of events.

We the IGEN ENSAV club feel proud to release the event book 2020, which will showcase the events organized by the Ensav club of 24 colleges. We take this moment to motivate and appreciate club organizers and students for their contribution towards energy conservation activities.



Dr.L.Ramesh

Message From Chairman

I would like to congratulate Dr. L.Ramesh IGEN President, Er. Hudson Egbert, General Secretary, Dr. Akila, Secretary, Dr. J.Balamurugan, Vice President Dr. Marsaline Beno, Vice President and all the IGEN Directors for the excellent incentives towards the EnSav Club activities and consistent encouragement to Dr. S.Madankumar and his team to bring out the profile book in a successful manner.

Also I would like to thank Dr. L.Ramesh for providing guidance to collect data from all the EnSav Clubs at various Engineering Institutions. I would like to appreciate the Head of Departments and Faculty Advisors of all 24 Associated Institutions for their excellent support rendered for providing the suggestions to Dr. S.Madankumar and his team members for publishing this book.

I express my gratitude towards my beloved friends and students for their constant support for making my effort as grand success. My sincere thanks to Volunteers and Volunteers Heads of various club for their involvement to make this Profile Book successful and I am grateful for the timely publication of the book.

I further would like to express my sincere thanks to Dr. S.Madankumar and his team for the dedicated work and their valuable time for drafting this book and make this book as Excellent one. I extend my profound thanks to all who gave direct and indirect support .



Dr.G.Pandian

Message From Vice President

I am happy to visualize that our ENSAV CLUB Event Book 2020 & ENSAV CLUB Profile Book 2021 has come out in a wonderful manner. This book is an outcome of the integral formation of all the 24 ENSAV Clubs. I extend my sincere greetings and congratulations for all those who involved in this mission, especially IGEN President Dr.L.Ramesh, Director of ENSAV Clubs Dr.G.Pandyan, HEAD Er.Mathan Kumar, Head of Departments and Faculty Advisors of all 24 Associated Institutions and Student members of all the clubs. .

"Intelligence is the ability to adapt to change"
Stephen Hawking

Engineering is practicing the art of the organizing forces of technological change. Green Engineers operate at the interface between science and society. Green engineers involve four basic approaches to improve processes and products to make them more efficient from an environmental standpoint. They are

1. Waste reduction;
2. Materials management;
3. Pollution prevention; and,
4. Product enhancement.

I am sure that our ENSAV club – budding Green Engineers will inspire the society by their activities.

Best wishes for all your future endeavors!



**Dr. Marsaline
Beno**

Message From Head

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We the IGEN ENSAV club feel proud to release the event book 2020, which will showcase the events organized by the Ensav club of 24 colleges. We take this moment to motivate and appreciate club organizer and students for their contribution towards Energy conservation activities



**Dr.S.Madan
Kumar**

ENSAV CLUB OF OFFICE BEARERS





Dr. G.Pandian
Principal Head
IGEN



Dr. Marsaline Beno
IGEN



Dr.S.Madan Kumar
IGEN ENSAV CLUB



Mr. Taejas
IGEN ENSAV CLUB





Ganesan M
Indian Railways



Dheepak Ganesan
SSEC



Hariprasath.M
KIT



Gangatharan.R
KPRIET



Narendra Prasath R.E
KPRIET



Akshay
KPRIET



R.Prince Christopher
CSI



K Suruthi
KIT



Sowmiya. S
CSI



Megala.R
CSI

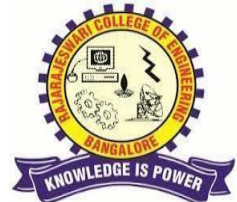


D.sneha
MGR



R.B.kaviyavikavikashini
VCTW

ENSAV CLUB PARTNERS LOGO





A Unit of Energy Efficiency Research Group, under IGEN

LIST OF ENSAV CLUBS ASSOCIATED WITH THE INSTITUTION OF GREEN ENGINEERS



LIST OF CLUBS

S.NO	NAME OF THE CLUB	NAME OF THE COLLEGE
1	IGEN MGR EnSAv Club	Dr. M.G.R. Educational & Research Institute
2	IGEN SCET EnSAv Club	Swarnandhra College of Engineering and Technology
3	IGEN SXCCE EnSAv Club	St. Xavier's Catholic College of Engineering
4	IGEN KPRIET EnSAv Club	KPR Institute of Engineering and Technology
5	IGEN CEC G EnSAv Club	Chirala Engineering College
6	IGEN PGPCET EnSAv Club	PGP College of Engineering and Technology
7	IGEN KRCE EnSAv Club	K. Ramakrishnan College of Engineering
8	IGEN PEC EnSAv Club	Ponjesly Engineering College
9	IGEN SMCE EnSAv Club	Stella Mary's college of engineering
10	IGEN SJIT EnSAv Club	St Joseph Institute of Technology
11	IGEN ASET EnSAv Club	Ahalia School of Engineering and Technology
12	IGEN LBCE EnSAv Club	Dr.L.Bullayya College of Engineering
13	IGEN SEC EnSAv Club	Sri Sairam Engineering College
14	IGEN VEC EnSAv Club	Velammal Engineering College
15	IGEN VIT EnSAv Club	Vedavyasa Institute of Technology

16	IGEN RRCE EnSAv Club	Raja Rajeswari College of Engineering
17	IGEN SIVET EnSAv Club	S.I.V.E.T
18	IGEN CMRIT EnSAv Club	CMR Institute of Technology
19	IGEN SJEC EnSAv Club	St.Joseph's College of Engineering
20	KIT IGENG9 EnSAv Club	Kalaignar Karunanidhi Institute of Technology
21	VCTW G9 EnSAv Club	Vivekanandha College of Technology for Women
22	CSI EnSAv Club	CSI College of Engineering
23	JCT EnSAv Club	JCT College of Engineering and Technology
24	SIT EnSAv Club	SriSai Ram Institute of technology



A Unit of Energy Efficiency Research Group, under IGEN

LIST OF ENSAV CLUBS EVENTS



LIST OF CLUBS

S.NO	DATE	NAME OF THE CLUB	NAME OF THE EVENTS
1	23-11-2020	IGEN MGR Ensav club	Smart Solvers
2	14-12-2020	IGEN PEC EnSAv Club	World Energy Conservation Day
3	02-10-2020	IGEN SMCE EnSAv Club	IGEN GREEN9 SDG Conclave 2020
4	15-12-2020	IGEN PEC Ensav club	Energy Conservation Awareness
5	03-10-2020	IGEN SXCCE Ensav Club	IGEN GREEN9 SDG Conclave 2020
6	16-07-2020	IGEN SXCCE Ensav Club	Energy Industry Expert Talk Series-04
7	14-03-2020	IGEN SXCCE Ensav Club	Energy Saving Awareness program
8	03-10-2020	IGEN MGR Ensav Club	IGEN GREEN 9 SDG Conclave'20
9	27-2-2020	IGEN SMCE EnSAv Club	Energy Conservation Methods And it's Best Practices
10	21-12-2020	IGEN SMCE EnSAv Club	Energy Conservation Awareness Program and a Rally
11	06-02-2020	IGEN SEC EnSAv Club	Awareness Campaign Of Save One Unit Per Day
12	17-04-2020	IGEN MGR EnSAv Club	Inauguration Of Village Adoption For Energy Saving
13	19-03-2020	IGEN MGR EnSAv Club	9mantras Ensav Campaign At Thaimoogambigai Dental College

14	03-10-2020	IGEN SEC EnSAv Club	TRISANGH
15	14-12-2020	IGEN SEC EnSAv Club	NextGen Saviours
16	12-03-2020	IGEN MGR EnSAv Club	GREEN9 ENERGY 999 CHALLENGE" Awareness Campaign Trial Event
17	03-03-2020	IGEN MGR EnSAv Club	Residential Energy Audit Training
18	03-10-2020	IGEN VIT EnSAv Club	IGEN-GREEN9-SDG Conclave 2020
19	24-12-2019	IGEN MGR EnSAv Club	Energy Awareness Campaign
20	05-11-2019	IGEN MGR Ensav Club	Save One Unit Per Day Awareness Program In Acs Medical College
21	19-12-2019	IGEN SEC EnSAv Club	The Innovative Idea Presentation On Energy Conservation
22	01-11-2019	IGEN MGR EnSAv Club	Office Bearers Oath Taking Ceremony And Talk On Writing A Journal Article From Energy Case Study
23	26-09-2019	IGEN SEC Ensav Club	Manoeuvre Series
24	15-09-2019	IGEN MGR EnSAv Club	Cycle To Save Energy And Plant Tree & Promote Engineering For Change
25	10-02-2019	IGEN SXCCE Ensav Club	Energy Awareness camp
26	20-03-2019	IGEN MGR EnSAv Club	Ensav Talk at acs Group Arni College
27	14-12-2019	IGEN SXCCE Ensav Club	Energy Saving Awareness Campaign
28	15-12-2019	IGEN SXCCE EnSAv Club	Energy Awareness Rally

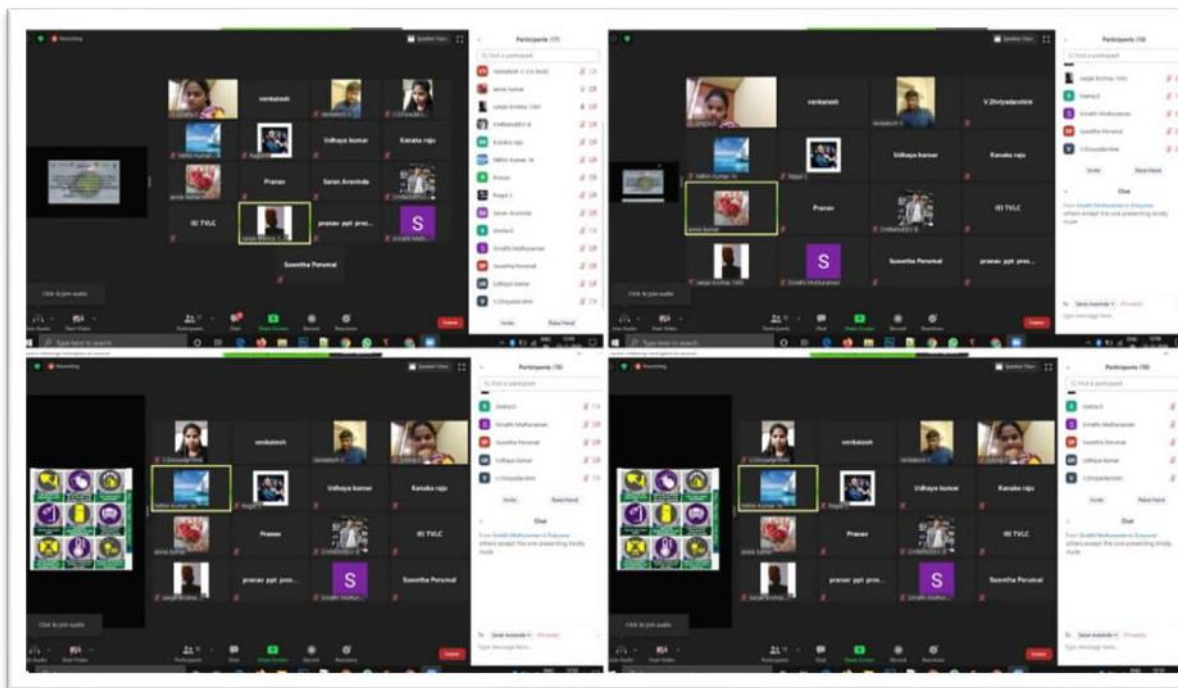
29	15-03-2019	IGEN MGR Ensav Club	Inauguration Of Energy Conservation Rally -01
30	18-02-2019	IGEN MGR Ensav Club	Energy Expert Interaction
31	18-02-2019	IGEN MGR EnSAv Club	Training Of Save One Unit Per Day On Tpc
32	07-09-2019	IGEN SEC Ensav Club	The Initiation Ceremony And Energy Awareness Workshop On "Save One Unit Per Day
33	19-12-2019	IGEN SEC G9 Ensav Club	The innovative idea presentation on energy conservation
34	16-12-2019	IGEN SXCCE EnSAv Club	National Energy Conservation day
35	05-01-2019 & 06-01-2019	IGEN SMCE EnSAv Club	Preliminary Energy Audit
36	18-10-2019	IGEN SMCE EnSAv Club	Save One Unit Per Day Awareness campaign
37	15-12-2019	IGEN PEC EnSAv Club	Energy Conservation Awareness Program
38	08-10-2018	IGEN PEC EnSAv Club	Energy Conservation Awareness Program
39	08-10-2018	IGEN SMCE EnSAv Club	Inaugural of Green9 Ensav club
40	14-09-2018	IGEN SXCCE EnSAv Club	Inaugural Ceremony and a Seminar on Energy Saving
41	17-09-2018	IGEN KRCE EnSAv Club	Inauguration Of Ensav Club
42	18-10-2018	IGEN KRCE EnSAv Club	Awareness On Save One Unit Per Day
43	19-12-2018	IGEN KRCE EnSAv Club	Energy Conservation and its Impact on Technological Industry
44	20-02-2018	IGEN MGR Ensav Club	Mould The Young

45	14-12-2018	IGEN MGR EnSAv Club	Save One Unit Per Day V2.1 Poster Inauguration
46	15-09-2018	IGEN KRCE EnSAv Club	51st Engineers Day celebration
47	22-12-2018	IGEN KRCE Ensav Club	National level Workshop on Energy Management & Auditing
48	20-12-2018	IGEN PEC EnSAv Club	Importance of Energy Conservation
49	27-12-2018	IGEN KRCE EnSAv Club	Awareness programme on energy saving and energy audit
50	28-12-2018	IGEN KRCE EnSAv Club	Quiz Programme On Energy Saving Tips
51	18-12-2018	IGEN MGR EnSAv Club	My House My Saving
52	22-12-2018	IGEN MGR Ensav Club	National Energy Conservation Day
53	18-11-2018	IGEN MGR EnSAv Club	Residential energy awareness programme
54	17-11-2018	IGEN MGR Ensav Club	Inauguration Of F- 5 Awareness Program
55	15-11-2018	IGEN MGR Ensav Club	Inauguration Of R-100, S-800 Awareness Program
56	31-01-2018	IGEN SXCCE EnSAv Club	Energy Audit and Energy Awareness Camp
57	14-12-2018 to 22-12-2018	IGEN KRCE EnSAv Club	Inter school Painting competition for school children
58	18-07-2018	IGEN MGR Ensav Club	Training Program On Residential House Audit For Student Members
59	14-06-2018	IGEN MGR Ensav Club	Energy Awareness Program In Institution
60	22-04-2018	IGEN MGR Ensav Club	USAR 5000/300 (One Unit Save Awareness For Residence)

61	22-03-2018	IGEN MGR Ensav Club	Poster Presentation On Water Energy Conservation
62	22-04-2018	IGEN MGR EnSAv Club	School Awareness Program
63	16-09-2017	IGEN MGR EnSAv Club	Save One Unit One Day Awareness Programme
64	15-09-2017	IGEN SXCCE Ensav Club	Seminar on Smart grid & Energy Management
65	16-09-2017	IGEN MGR EnSAv Club	Inauguration Of Ensav And Waste Management Club
66	01-04-2017	IGEN MGR EnSAv Club	Connect Chennai Through Energy Saving Awareness
67	28-03-2017	IGEN MGR EnSAv Club	Public Awareness On Energy Saving In Institution
68	31-03-2017	IGEN MGR Ensav Club	CSR Program On Energy Awareness In Industries
69	10-02-2017	IGEN MGR Ensav Club	Energy Conservation Tools For Energy Audit By Darter Technologies
70	12-04-2016	IGEN MGR Ensav Club	Regional Level Workshop On “Energy Audit”
71	16-03-2016	IGEN MGR Ensav Club	Power Utilization Survey Camp

Event Title: Smart Solvers	
Event Date : 23-11-2020	Club Name : MGR G9 Ensav club

MGR G9 ENSAV CLUB conducted an event “SMART SOLVERS” on 23rd November 2020 through ZOOM meeting. The objective of this event is to collect innovative solutions from participants for the problem statements given. The event provided a great opportunity for both organizers and students to know more about current trends and activities towards energy conservation. We also conveyed GREEN9 mantra’s to the participants, creating awareness to save one unit per day.



Event Title: World Energy Conservation Day

Event Date: 14-12-2020

Club Name: PEC G9 Ensav Club

Ponjesly Ensav club conducted online events on World Energy Conservation day 2020

PONJESLY COLLEGE OF ENGINEERING
GREEN9 ENSAV CLUB
DEPARTMENT OF EEE
14th DEC
PONJESLY ENSAV CLUB PRESENTS
WORLD ENERGY CONSERVATION DAY 2020
ONLINE EVENTS FREE REGISTRATION
SEND THE ARTICLES AND VIDEOS ON OR BEFORE 14th DECEMBER 2020

ACTIVITIES:
ANIMATION VIDEOS (DAY TO DAY ENERGY CONSERVATION)
SLOGAN WRITING (SAVE FOSSIL FUELS)
ESSAY WRITING (ENERGY CONSERVATION IN INDUSTRIAL SECTOR)
DRAWING (THINK ACT AND SAVE)

ADULTY COORDINATORS:
A. Sivakumar, AP/EEE, Convener, Ponjesly ENSAV Club
Pahalwin, AP/EEE, Ponjesly ENSAV Club

STUDENT COORDINATORS:
Jose abishek, Student chairman, Ponjesly ENSAV Club
shin S Raj, Student Vice Chairman, Ponjesly ENSAV Club
CONTACT: +91 9486863105, +91 8825935710, +91 9894306635
EMAIL: pcegreen9ensaveclub@gmail.com

Certificate
This is to certify that **[Name]** has secured first prize in the slogan writing on the topic "Importance of energy conservation" conducted by Ponjesly ENSAV club held on 14th December 2020.

Certificate
This is to certify that **[Name]** has secured first prize in the short essay writing on the topic "Importance of energy conservation" conducted by Ponjesly ENSAV club held on 14th December 2020.

Certificate
This is to certify that **[Name]** has secured first prize in the short picture drawing on the topic "Importance of energy conservation" conducted by Ponjesly ENSAV club held on 14th December 2020.

Event Title: IGEN GREEN9 SDG Conclave 2020

Event Date: 02-10-2020

Club Name: SMCE G9 Ensav Club

SMCE IGEN Green 9 Ensav club participating "An Innovative session on SDG 7,9 &13" on 2nd & 3rd October 2020.Stella Mary's College of Engineering

IGEN GREEN9 SDG CONCLAVE 2020
[Two Days, 16Hrs, 14 Partners, Innovative Session on SDG 7,9, & 13]

STELLA MARY'S COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by ISAC)
Aruthergavala, Kalukatti Junction Adikal Pool, Kanyakumari District 629002, Tamil Nadu, South India

THE MEMBERS OF SMCE ENSAV CLUB
ENSAV CLUB
Energy Saving Awareness Club
A Unit of Energy Efficiency Research Group under IGEN

CORDIALLY INVITES YOU ALL FOR THE INNOVATIVE TALKSHOW ON
UNDP SUSTAINABLE DEVELOPMENT GOALS 7, 9 & 13
On FRIDAY
【02 October 2020】 【01 : 00 pm to 02 : 00pm】

AGENDA	SDG EVENTS
WELCOME ADDRESS PRESIDENTIAL ADDRESS TOLUTIONATION ADDRESS SDG EVENTS VOTE OF THANKS	<ul style="list-style-type: none"> Technical Talk on SDG 9 Technical Talk on SDG 13 Video Presentation on SMCE EnSav Club Activities Technical Debate on SDG 7 Vs SDG 13 Project Demonstration on Affordable Solar Study in

Registration Link
For Stella Mary's EnSav Club Event: <https://bit.ly/3Hw0W4f>

2 Days Registration visit : www.theigen.org/sdgconclaves2020.html

Certificate will be provided to all the participants who watch the program. Watch Live on IGEN SDG

PATRON
Dr. K. Naveen Prasad Kumar
(Prof. & Principal)

CHIEF PATRON
Dr. Naveeth Charles
(Founder & Chairman)

STUDENT COORDINATORS
Ms. R. Anusha (IV Year EEE)
Mr. S. Jeevan Babu (IV Year MECH)

FACULTY COORDINATOR
Mrs. P. Somy
(Asst. Prof., Dept. Of O&E)

SMCE ENSAV CLUB ADVISOR
Mr. M. R. Saravanan
(Asst. Prof & Head, Dept. Of EEE)

Event Title: Energy Conservation Awareness

Event Date: 15-12-2020

Club Name: Ponjesly Ensav club

Ponjesly Ensav club and Department of EEE organized Energy Conservation Awareness Program for School students at Ponjesly College of Engineering, Nagercoil on 15th February 2020.



Event Title: IGEN GREEN9 SDG Conclave 2020

Event Date: 03-10-2020

Club Name: SXCCE G9 Ensav Club

IGEN hosted the First IGEN GREEN9 SDG CONCLAVE 2020 on 2nd and 3rd October 2020 with 14 academic partners, 16 hours, Innovative session on SDG 7, 9 & 13. G9 SXCCE EnSAv Club participated in the Event at Slot 10, Time 11AM -12 NOON on 3rd October 2020

IGEN GREEN9 SDG CONCLAVE 2020

[Two Days, 16Hrs, 14 Partners, Innovative Session on SDG 7, 9, & 13]

Organized by
St. Xavier's
College of Engineering
Chennai, Tamil Nadu, India

SXCCE G9 EnSAv Club
Towards SDG Goals 7, 9
on 3rd October 2020 (11.00 AM to 12.00 NOON)

Schedule of Events

- 11.00 AM - 11.10 AM: Welcome address by Prof. M. Abagan Ajay Singh, EnSAv Club Convener / SXCCE
Address by Dr. A. Darwin Jose Raju, HoD / IEE
Presidential Address by Dr. J. Maheswaran, Principal / SXCCE
- 11.10 AM - 11.15 AM: Faculty Talk on SDG 9 Industry, Innovation and Infrastructure
- 11.15 AM - 11.30 AM: Video presentation on SDG 7 Affordable and Clean Energy
- 11.30 AM - 11.35 AM: Presentations by a student member on SDG 7 Affordable and Clean Energy
- 11.35 AM - 11.40 AM: Quiz for the ONLINE participants
- 11.40 AM - 11.55 AM: Discussion by a group of student members on SDG 7 Affordable and Clean Energy
- 11.55 AM - 12.00 NOON: Video Presentation about our club activities
Vote of thanks by Prof. V. Jesus Bobis, EnSAv Club Co-ordinator / SXCCE

Working towards **SUSTAINABLE DEVELOPMENT GOALS**

REGISTRATION
For SXCCE Event : <https://forms.gle/nZ8QpMXV3Dv4kQZ>
For Two day event : www.igen.org/sgdconclave2020.html
E-certificate will be provided to all the participants who watch the program
Watch Live on Youtube channel
<https://www.youtube.com/watch?v=IGEN9G9a>

Organized by: Dr. J. Maheswaran, Club Advisor: Dr. M. Manojkumar, Faculty Coordinator: Prof. M. Abagan Ajay Singh, Prof. V. Jesus Bobis, Student Coordinator: Ms. A. Selva Bandana, Ms. H. Urushika

Event Title: Energy Industry Expert Talk Series-04

Event Date: 16-07-2020

Club Name: SXCCE G9 Ensav Club

G9 SXCCE EnSAV Club together with GREEN9 organized the SDG 7, 9 Energy Industry Expert Talk series-04 (Online) on 16/07/2020. Mr. S. Ashok, BEE Accredited Energy Auditor is the speaker of the event. Around 30 students have participated in the event. The participants gained the importance of energy audit in Industry and ways of becoming energy auditor.



Event Title: Energy Saving Awareness program

Event Date: 14-03-2020

Club Name: SXCCE G9 Ensav Club

G9 SXCCE EnSAv Club organized an "Energy Saving Awareness program to First-year students" on 14/03/2020. Around 20 students have participated in the event. The student members explained the Green9 mantras of saving One unit per day to the students in the first year classes and distributed the green9 poster.

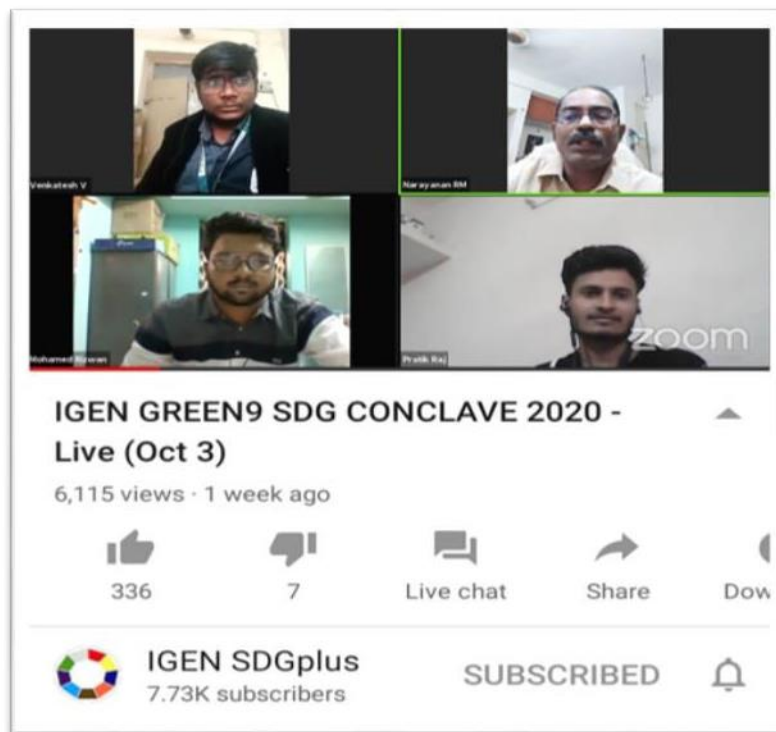


Event Title: IGEN GREEN 9 SDG Conclave'20

Event Date: 03-10-2020

Club Name: MGR G9 Ensav Club

The presentation started with a welcome address, delivered by Dr. T. Kavitha, Associate professor (Civil department), Dr. MGR Educational and Research institute. The inaugural address was given by Dr. V. Cyril Raj, Joint Registrar.



Report for the activities by MGR G9 ENSAV CLUB was delivered by a student coordinator Venkatesh from the club.

TUGS OF WORD'S TUSSLE - A debate on the topic "Is green energy durable?" was moderated by Mr. Mohamed Rizwan, Manager at Dr. Abdul kalam center, Dr. MGR Educational and Research institute. The theme of the debate focussed on SDG7.

PROJECT PRESENTATION

R. Logeshwaran, final year Mechanical Engineering student, presented his project on "Thermal management system in Electric Vehicle" which is related to SDG7. Dr. Narayanan, faculty from Civil department explained his project "Air pollution Tester" related to SDG13.

WE TOGETHER - A Video presentation by MGR G9 ENSAV CLUB members to create awareness of plastic waste. (SDG13)

WORLD IN 2050- The world in 2050 (SDG 7, 9 & 13) is depicted as a NEWS by SrirathiMuthuraman, Student from Dr. MGR Educational and Research institute.

TALK SHOW- This show was presented by Dr. J. Arun Kumar, faculty from Dr. MGR Educational and Research institute. This show was hosted by Booja CS, Student. This talk is presented on the topic



Event Title: Energy Conservation Methods And it's Best Practices

Event Date: 27-2-2020

Club Name: SMCE G9 Ensav Club

SMCE Ensav club members visited A.V.D.Higher Secondary School,Ganapathipuram and Govt.H.S.S,Ammandivilai,Kanyakumari District on 27/2/2020 to educate the students on energy conservation methods and best practices to be followed at home and school. Stella Mary's College of Engineering



Event Title: Energy Conservation Awareness Program and a Rally

Event Date: 21-12-2020

Club Name: SMCE G9 Ensav Club

SMCE Ensav club organized the Energy Conservation Awareness Program and Rally at Aruthenganvilai, Kanyakumari District on 21/12/2020. Stella Mary's College of Engineering



Event Title: Awareness Campaign Of Save One Unit Per Day

Event Date: 06-02-2020

Club Name: SEC G9 Ensav Club

Sairam Ensav Club OF SRI SAIRAM ENGINEERING COLLEGE with GREEN9 and ensav club conducted an awareness campaign of save one unit per day on 6th February 2020 at somangalam village



SAIRAM ENGINEERING COLLEGE
Accredited by NBA and NAAC "A*" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044, www.sairam.edu.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PES **SEC EnSAV Club**

with
GREEN9 ENSAV CLUB
Energy Saving Awareness Club
A Unit of Energy Efficiency Research Group under IGEN

**An Awareness Campaign on
SAVE ONE UNIT PER DAY**

Friday, 6th March 2020 at Somangalam Village

Event Title: Inauguration Of Village Adoption For Energy Saving

Event Date: 17-04-2020

Club Name: MGR G9 Ensav Club

MGR G-9 EnSAv Club Conducted the event named as " Inauguration of village adoption for energy saving" at Thiruvallur on 17th April-2020 successfully executed with the help of EnSAv club team members a . The event was started at 2:00p.m and ends 05:00 p.m . Through the event we conducted preliminary audit in 40 houses and gave recommendation to the 40 houses. Then 30 houses are ready to implement our energy saving recommendation in their house. A brief awareness was created to village people on energy saving and their benefits by Dr.L.Ramesh and his team



Special thanking note to our Honorable President who given the support to conduct awareness program in general public through the students MGR G-9 EnSAv Club. A big thanks to HODs of CSE,MECH., Civil & ECE for nominating members and Faculty for the Club. The vote of thanks given by Er. Jyoti (MGR EnSAv Club Coordinator).

Event Title: 9mantras Ensav Campaign At Thaimoogambigai Dental College

Event Date: 19-03-2020

Club Name: MGR G9 Ensav Club

MGR EnSAv club under the Green9 Energy Efficiency group conducted the campaign at THAI MOOGAMBIGAI dental college 19/03/2020. Since 2017 EnSAv club conducted many events in inside and as well as outside the Campus, created awareness among most of the people. And the main objective of EnSAv Club was explained and how to save one unit per day to staff members which was explained by Dr.L.Ramesh..The Program started around 10:00 A.M -01:00 P.M . The welcome address given by EnSAv club convener Er.Aneesh K. After the completion welcome address the brief report of club events presented by Activity head Er.Jyoti.



Event Title: TRISANGH

Event Date: 03-10-2020

Club Name: SEC G9 Ensav Club

IGEN hosted the First *IGEN GREEN9 SDG CONCLAVE* "An Innovative Session on SDG 7, 9 & 13" on 2nd and 3rd October 2020. Two days, 16 hours event with 14 academic partners. As Institute partner, GREEN9 ENSAV Club of Sri SaiRam Engineering College happily invites you all for *_TRISANGH_* @ IGEN G9 SDG Conclave 2020. *Event date & time : 2nd Oct 2020, Slot 5 @ 2 PM - 3 PM*

IGEN GREEN9 SDG CONCLAVE 2020
(Two Days, 16 Hours, 14 Partners, Innovative Session on SDG 7, 9 & 13)

SAIRAM G9 ENSAV CLUB
Organises

TRISANGH
2nd October, 2020 Friday | Slot 5: 2:00 pm to 3:00 pm

Events

- Connect & Convey
- Potpourri
- Sketch It!

Watch Live @ YouTube
IGEN SDGplus YouTube Channel
<http://thegen.org/sdgconclave2020.html>
Registration Link for Green Eng. College
www.igen.org

IGEN GREEN SDG CONCLAVE 2020
(Two Days, 16 Hours, 14 Partners, Innovative Session on SDG 7, 9 & 13)

DATE & TIME
Oct 2-3-4
OCTOBER @ 9:00 AM

Organisers

IGEN-GREEN9 SDG CONCLAVE 2020
(Two Days, 16 Hours, 14 Partners, Innovative Session on SDG 7 & 13)

2nd & 3rd OCTOBER @ 9:00 AM

14th OCTOBER (VIRTUAL)

Sl. No.	Time	Program By	Institution Name
1	09 - 10:30 AM	Registration Session	The Institution of Green Engineers (IGEN)
2	10:30 - 11:30 AM	SPRINT ON SDG-CLUB	KPM Institute of Engineering and Technology
3	11:30 - 09:00 AM	IGN	IGEN - GREEN9
4	12 - 01 PM	FAST ON SDG-CLUB	Anna School of Engineering and Technology
5	01 - 02 PM	NOOF ON SDG-CLUB	Sri Sri Maa's College of Engineering
6	02 - 03 PM	MOOC ON SDG-CLUB	Dr. Jyoti's Engineering College
7	03 - 04 PM	PEE ON SDG-CLUB	Parvathi Engineering College
8	04 - 05 PM	SAFED ON SDG-CLUB	Dr. Jyoti's Institute of Engineering

For registration visit www.igen.org

IGEN - The Institution of Green Engineers

Event Title: NextGen Saviours

Event Date: 14-12-2020

Club Name: SEC G9 Ensav Club

Sairam Ensav club is glad to share the "NextGen Saviours" On 14.12.2020 through Zoom Platform.As a part of 21 days Energy Conservation celebration "Think Energy – Think Future'19",G9 SEC EnSAv club organized an energy saving awareness campaign on 14th December 2020



Event Title: GREEN9 ENERGY 999 CHALLENGE" Awareness Campaign Trial Event

Event Date: 12-03-2020

Club Name: MGR G9 Ensav Club

MGR G-9 EnSAv Club Conducted the event named as" Green9 Energy 999 Challenge" Awareness Campaign Trial Event on 12th March 2020 at Maduravoyal successfully executed with the help of EnSAv club team members .

The event was started at 10:00 a.m and ends 04:00 p.m . Through the event we created awareness in 100 people and explained their benefits to the 100 people and their families . The event was a trial event for Green9 Energy 999 challenge and it was completed successfully.A brief awareness was created to people on energy saving and their benefits by ensav club team



Event Title: Residential Energy Audit Training

Event Date: 03-03-2020

Club Name: MGR G9 Ensav Club

Dr.M.G.R. GREEN9 EnSAvClub Conducted a Residential Energy Audit Training for Students And HOD's to All The Departments of Civil, Mechanical, ECE, CSE, IT, Chemical, Biotechnology- on 3rd March 2020 in Civil Smart Classroom ,Main Campus, Dr. M.G.R. University-Chennai.Welcome Address Given by B.Ramaiah, Chief Guest Introduction by Venkatesh and then about Green9 and the Activites of ENSAV Club by Chandana, Event Felicitation done by Dr. Cyril Raj Joint Register.





Then the five teams divided and went to different Departments, went to one faculty and explained about the 9 Mantras.

Event Outcome

Students well trained about 9 mantras to Save One Unit per Day, Residential Energy Audit Training and suggestions about residence audit.

Event Title: IGEN-GREEN9-SDG Conclave 2020

Event Date: 03-10-2020

Club Name: VIT G9 EnSAv Club

EnSAv club of Vedavyasa Participating in IGEN-GREEN9-SDG Conclave 2020 Sessions on " Sustainable Development Goals" By Vedavyasa Institute of Technology on Day 02 - IGEN GREEN9 SDG (Sustainable Development Goals) CONCLAVE 2020- 3rd Oct. ENSav club VVIT unit. Time: 9 am to 10 am. Speakers: Mr. Bipin K Joseph, welcome address Dr. Sangheetha s, Principal - VVIT, Inaugural address Prof. Balakrishnan Pillai - Head EEE department. Delivering EnSav club Activity report. 2019-20. Ms. ATIKKA RIYAS, S3 Student Btech EEE - Topic : Climatic Aberrations. Mr. MUHAMMED FARHAN S5 Student, Btech EEE. Topic : E Waste Management Ms. SHEBA KP S8 Student, B Tech EEE. Topic : Clean and sustainable Energy Mr. Edwin Thomas S3 B. Tech student - vote of thanks.

IGEN GREEN9 SDG CONCLAVE '20
"Two days * 16 Hours * 14 Partners"

Innovative sessions on: Sustainable Development Goals 7,9,13

Organized by
Vedavyasa Institute of Technology
EnSAv Club Unit

Oct 3, 2020, Slot No 8, 9 to 10 am

✓ Inaugural Address- Dr. Sangheetha S., Principal VVIT
✓ Activity report- Prof. Balakrishnan Pillai, HOD EEE VVIT

Talks on
Climatic Aberrations | E waste Management

Registration: For two days conclave: <http://theigen.org/igreenconclave2020.html>
For Vedavyasa session: https://docs.google.com/forms/d/1G4nQ4Jeb10t1JrUc4l7Tn1aZzJ22020jyW4wzL2bc49M/viewform?usp=send_mail

Staff Coordinators : Prof. Balakrishnan Pillai, Student Coordinators : Mr. Mohammed Farhan, Ms. Noofa Sayeed, Ms. Athika Ryan

Sl. No	Time Slot	Program Name	Facilitator Name
1	9:00 am	IGEN GREEN9-SDG	Head of Institute of Technology
2	9:15 am	WELCOME ADDRESS	Dr. Sangheetha S. (Principal)
3	9:30 am	INLAUGURAL ADDRESS	Prof. Balakrishnan Pillai (HOD EEE)
4	9:45 am	ACTIVITY REPORT	EnSAV Club Unit
5	10:00 am	VOTE OF THANKS	Mr. Edwin Thomas

Oct 3, 2020
Slot No 8
9 to 10 am

Vedavyasa
INSTITUTE OF TECHNOLOGY

Vedavyasa's screen

Event Title: Energy Awareness Campaign

Event Date: 24-12-2019

Club Name: MGR G9 Ensav Club

Think Energy – Think Future ‘19



Dr.M.G.R. GREEN9 EnSAV Club with Society partner, IEI TVLC Celebrated Energy Conservation Week with GREEN9 “Think Energy - Think Future Campaign” in association with Govt Higher Secondary School West Mambalam [Puthur] on 24th December 2019 at Amber Apartments, West Saidpet.





Mr.Sathyamoorthy Secretary of Amber Apartment welcome the members from MGR EnSAv Club. Mrs.Vennila, Govt higher secondary school West Mambalam felicitated the members with kind words. Dr.L.Ramesh, Dean Dr.M.G.R ERI and Chairman GREEN9 explained the 9mantras to save one unit per day to the school student volunteers from West Mambalam.

Four team was formed to train the residents in Block One to Six. Each teams was headed with the member from the Amber Apartments Association Committee. The “Think Energy - Think Future Campaign” started at 11am, completed 120 houses and trained 250+ people of the apartment on the main theme of how to save one unit / one day.People in those houses were very much interested about this campaign and they are ready to implement our 9 mantras to save one unit / day in their daily routines.

Energy saving awareness was created digitally among 600 members through Whatsapp group in their apartment members and colleagues by Mrs.Vennila. We are happy to note that our event was well informed to all the residents and the Notice Boards. The event was completed at 2pm with outcome of training at 120 Houses, 250 members personally explained, 2500 members in WhatsApp and 25,000 members in Social Media.

Event Title: Save One Unit Per Day Awareness Program In Acs Medical College

Event Date: 05-11-2019 Club Name: MGR G9 Ensav Club



MGR EnSAv club under the Green9 Energy Efficiency group conducted the Save One Unit per Day awareness program at ACS Medical College Velappanchavadi for Bachelor of Physiotherapy Department on 05/11/2019.

- **Switch Of The Equipment After The Use**
- **Regular Cleaning Of AC Filter& Use Natural Lighting**
- **Use Star Rated Equipment**
- **Use Of LED Study Lamp**
- **Regular Defrosting Of The Refrigerator**
- **Usage Of Heavy Equipment In Off-Peak Hours**
- **Avoid Leaving The Equipment Standby Mode**
- **Optimal Temperature Setting & Auto Cut Off Mode**
- **Replace The Maximum Utilized Light With A Solar Led**

These 9 points are explained to Bachelor of physiotherapy Teaching and Non-Teaching Staffs. First These 9 energy saving points explained to Dr.C.V.Senthil Nathan Principal of BPT by Dr.L.Ramesh, Dean EPA.



40 teaching and Non-teaching staffs are trained by our EnSAV Club Students, in the view of Convener Er.Aneesh K Our Club Chairman Dhivakar audited over the staff rooms and club members Vignesh, Arun, Ramaiya, Amudhan, Venkatesh explained & trained all the points to the staffs to Save One Unit per Day. 10 Staffs are interested to get our audit in the further, we are very pleasure to audit their home and help them to save their energy and took feedback from them.

Event Title: The Innovative Idea Presentation On Energy Conservation	
Event Date: 19-12-2019	Club Name: SEC G9 Ensav Club

Sairam ensav club successfully completed the 3rd event in Sri Sairam engineering college on 19 December 2019 with GREEN9 and ensav club. "The innovative idea presentation on energy conservation" We got a huge response from teams participated in the event.

21 Days National Energy Conservation Celebration (11th - 31st Dec. 2019)
(9 Mantras - Save One Unit/day Awareness Campaign)

Think Energy Think Future

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Sai Leo Nagar, West Tambaram, Chennai - 600 044, www.sairam.edu.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SEC EnSav Club

with **GREEN9 ENSAV CLUB**
The members of SEC EnSav Club, cordially invites you all for the **INNOVATIVE IDEA PRESENTATION ON ENERGY CONSERVATION**

Thursday, 19th December 2019 | 10.00 a.m. | Smart Class Room - II

Dr. L. Ramesh, FIE, Chairman **Er. Hudson Egbert, Secretary**

Event Title: Office Bearers Oath Taking Ceremony And Talk On Writing A Journal Article From Energy Case Study

Event Date: 01-11-2019

Club Name: MGR G9 Ensav Club

MGR EnSAv club under the Green9 Energy Efficiency group conducted the Oath-Taking ceremony for Office Bearers and Talk on writing a Journal Article from Energy Case Study on 01/11/2019. Since 2017 EnSAv club conducted many events in inside and as well as outside the Campus, created awareness among most of the people.



The Program started around 1:30 pm. The guest of the event has been invited to the Seminar hall by Dean Events & as well as founder of Green9 Dr.L.Ramesh. Department's heads of ECE, CSE, MECH also present in this function. The welcome address given by EnSAv club convener Er.Aneesh K. After the completion welcome address the brief report

of club events presented by Activity head Er.Jyoti. The memento of honor was given to chief guest Mr.P.S.Praveen by Dr.L.Ramesh. Then Office Bearers of EnSAv club introduced by Dr.L.Ramesh. EnSAv Club Chairman, Secretary, Vice Chairman, Joint Secretary, Convener, Club activity head took Oath on behalf of Dr.L.Ramesh and the Chief guest of the day Mr.P.S.Praveen.



Our Chief Guest Mr.P.S.Praveen, Country manager, Block chain monk, Fintech solutions delivers the felicitation address of EnSAv club and Dr.L.Ramesh. And the main objective of EnSAv Club was explained and how to write a journal article of energy case study also explained by Dr.L.Ramesh. Chairman and Secretary gave acceptance speech of EnSAv club. And Vote of thanks given by Chandana.

Event Title: Manoeuvre Series

Event Date: 26-09-2019

Club Name: SEC G9 Ensav Club

Green9 and ensav club in Sri Sairam engineering college Started the manoeuvre series. Department of electrical and electronics engineering students conducted the event. The explained the energy audit procedures to students in our college.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SEC EnSAV Club
with
GREEN9 **ENSAV CLUB**

The members of SEC EnSAV Club
cordially invites you all for the
Manoeuvre Series

Thursday, 26th September, 2019 | 1.30 p.m. | Smart Class Room - II

Sairam P. Sharmila AL. Kumarappan Dr. A. Rajendra Prasad Sai Prakash LeoMuthu
Co-ordinator Team Leader Principal CEO

www.sairamgroup.in

Event Title: Cycle To Save Energy And Plant Tree & Promote Engineering For Change

Event Date: 15-09-2019

Club Name: MGR G9 Ensav Club



The Institution of Engineers India – Tiruvallur Local Centre, 100 years old Engineering institution and Energy Efficiency Research Group (GREEN9) in association with Dr.M.G.R educational and Research Institute, NTPC Tamil Nadu Energy Company Limited (NTECL) and Petroleum Conservation Research Association (PCRA) celebrated Engineers day on 15th Sep. 2019 on the theme of “Cycle to Save Energy and Plant Tree” & “Promote Engineering for Change”.



The event started with the welcome note by Dr.L.Ramesh, Secretary (TVLC) Dean (Dr MGR ERI) Chairman (GREEN9). The Cycle rally was inaugurated by Chief Guest of the day Er. Naresh Kumar, Engineer & Social Entrepreneur, Founder, Freedom SEAT. The Special address were given by Er.P.Premanand, senior manager, NTECL, Er. Cherian, PCRA, Er.P.Ramadoss, Chairman IEI TNSC and Dr.G.Jeyarajan, Chairman, IEI TVLC felicitated the gathering who participated in the rally.



The rally was well received well by the members of the village, headed by President Mr.M.Jayasankar, President, and Initial agriculture corporative society. The Shawl was presented to Er.N.Nareshkumar, Dr.L.Ramesh, Dr.J.Balamurugan and Er.Gokul, Scientist, ISRO, Mr.M.Jayasankar, President, Initial agriculture corporative society headed the rally from the village entry point, travelled around the village and finally arriving at the venue welcoming by a large gathering by all the village members.



Event Outcome

- Trained 15 Village Volunteers' on "How to save One Unit per Day"
- Created Save One Unit per Day awareness to 600 Houses in the Village
- Around 2500 public was known the 9 mantras of Save One Unit
- 300 Public was trained How to Conserve LPG in Kitchen
- 26 members who have various health issues were given treatment Without Medicine
- 200 Houses were distributed LED bulbs which will instantly save 14,600 Units Annually
- 75 Trees were Planted and allotted member for maintenance

The Institution of Engineers India – Tiruvallur Local Centre, 100 years old Engineering Institution and Energy Efficiency Research Group (GREEN9) thanking all our partners, Dr. M.G.R Educational and Research Institute, NTPC Tamil Nadu Energy Company Limited (NTECL) and Petroleum Conservation Research Association (PCRA) who helped us to execute the program grand success.

Event Title: Energy Awareness camp

Event Date: 10-02-2019

Club Name: SXCCE G9 Ensav Club

G9 SXCCE EnSAv Club organized the "Energy Awareness camp at Manalikai village, Kanyakumari Dist.," on 10/02/2019. Around 30 students have participated in the campaign. The student members explained the Green9 mantras of saving One unit per day to the people in that village.



Event Title: Ensav Talk at acs Group Arni College

Event Date: 20-03-2019

Club Name: MGR G9 Ensav Club

The event took place at AraniACS group on 20/03/2019 . At the event ,on behalf MGR ENSAV club Dr.L.ramesh gave brief speech about energy saving and their benefits for the society & themselves. The importance and demand of energy conservation was briefly explained at event by Dr.L.ramesh at event. The staff and students of ACS Group understood the need for energy conservation .



Event Title: Energy Saving Awareness Campaign

Event Date: 14-12-2019

Club Name: SXCCE G9 Ensav Club

G9 SXCCE EnSAv Club organized the "Energy Saving Awareness Campaign in Ambedkar Nagar" on 14/12/2019. The event is organized on behalf of the celebration of National Energy Conservation day 2019. Around 16 students have participated in the campaign. The student members promoted the Green9 mantras of saving One unit per day to the people in that village.



Event Title: Energy Awareness Rally

Event Date: 15-12-2019

Club Name: SXCCE G9 Ensav Club

IET SXCCE together with G9 SXCCE EnSAv Club organized Energy Awareness Rally on 15/12/2019. Our respected Principal, Dr.J.Maheswaran inaugurated the rally through his words. Around 42 students have participated in the rally event. The rally had created awareness to the public and issued a poster containing the green9 mantras to save energy in their home.



Event Title: Inauguration Of Energy Conservation Rally -01

Event Date: 15-03-2019

Club Name: MGR G9 Ensav Club

MGR G9 EnSAv club, Dr.M.G.R Educational and Research Institute partnering with Green9, EWB and IEI TVLC has conducted "Energy Conservation Rally with Painting Competition" and Green9 inaugurated 2nd School EnSAv Club on 15th of March 2019 at Chennai Girls Higher Secondary School, MH Road, Perambur, Chennai-11.



The session started with warm welcome note by C.G.H.S.S head mistress Mrs.Selvakumari, followed with Dean Dr.L.Ramesh, delivered talk about how to save one unit per day, awareness of saving energy through the 9 technical points.

The club was inaugurated by chief guest Mr.Balasubramaniam Founder NallorVattam and delivered motivation talk on Abdul Kalam Vision 2020, followed with talk on importance of energy conservation by Vice Chairmen Green9 Dr.J.Balamurgan. Painting competition prizes was presented to winners by chief guest. Session ends with the vote of thanks by E.Vigneshkumar to the audience. The session started with warm welcome note by C.G.H.S.S head mistress Mrs.Selvakumari, followed with Dean Dr.L.Ramesh, delivered talk

about how to save one unit per day, awareness of saving energy through the 9 technical points.



The club was inaugurated by chief guest Mr.Balasubramaniam Founder NallorVattam delivered motivation talk on Abdul Kalam Vision 2020, followed with talk on importance of energy conservation by Vice Chairmen Green9 Dr.J.Balamurgan. Painting competition prizes was presented to winners by chief guest. Session ends with the vote of thanks by E.Vigneshkumar to the audience

Event Title: Energy Expert Interaction

Event Date: 18-02-2019 Club Name: MGR G9 Ensav Club

G9 MGR EnSAv Club conducted the “Energy Expert Interaction” conducted in 1st year E&T campus on 18th February 2019. Through this event created energy awareness to 50 staffs as well as 400 students over the campus. And also conducted preliminary audit for the 50 faculties “How to Save One Unit per Day”.



Event Title: Training Of Save One Unit Per Day On Tpc

Event Date: 18-02-2019 Club Name: MGR G9 Ensav Club

G9 MGR EnSAv Club conducted the “Training program for Thai Moogambigai Polytechnic students” on 18th February 2019. 30 no. of students TPC EnSAv Club members get trained by the MGR EnSAv Club members on “How to Save One Unit per day” through 9 points of energy saving. The session was concluded with the interaction of each students explaining about the 9 points of energy Savings.



Event Title: The Initiation Ceremony And Energy Awareness Workshop On "Save One Unit Per Day"

Event Date: 07-09-2019

Club Name: SEC G9 Ensav Club

We happy to announce that Sri Sairam engineering college joined with GREEN9 and ensav club to make the Sri Sairam ensav club .The initiation ceremony and energy awareness workshop on "save one unit per day" successfully completed on 7 September 2019.Dr.L.Ramesh (founder and chairman of Green9) and Dr.J.Balamurugan(vice-chairman of Green9) join with us to initiate the ceremony.



Event Title: The innovative idea presentation on energy conservation

Event Date: 19-12-2019

Club Name: SEC G9 Ensav Club

Sairam ensav club successfully completed the 3rd event in Sri Sairam engineering college on 19 December 2019 with GREEN9 and ensav club. "The innovative idea presentation on energy conservation." We got a huge response from teams participated in the event

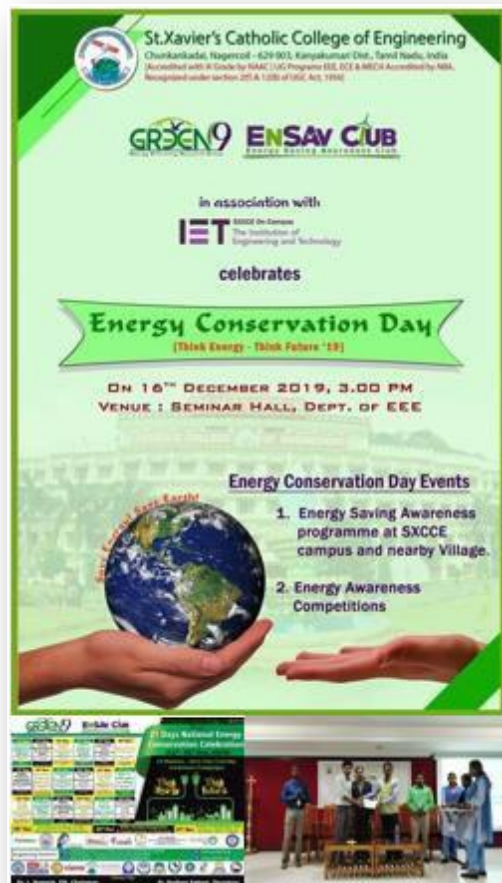


Event Title: National Energy Conservation day

Event Date: 16-12-2019

Club Name: SXCCE G9 Ensav Club

G9 SXCCE EnSAV Club Celebrated the National Energy Conservation day on 16/12/2019 by organizing poster presentations and Ideas presentation and distributing the prizes to the participants. Dr.L.Ramesh, Founder and Chairman-GREEN9, Dean-Dr. MR University, Chennai is the chief guest for the event. Around 80 students have participated in the event.



Event Title: Preliminary Energy Audit

**Event Date: 05-01-2019 &
06-01-2019**

Club Name: SMCE G9 Ensav Club

SMCE Ensav club has conducted preliminary energy audit on 5th and 6th January 2019 in the residential sector. Awareness on the increase in energy demand and need for energy conservation were spread with the public along with the prime objective of saving ONE UNIT PER DAY in their houses. Stella Mary's College of Engineering .



Event Title: Save One Unit Per Day Awareness campaign

Event Date: 18-10-2019 Club Name: SMCE G9 Ensav Club

SMCE Ensav club members distributing the poster containing green 9 mantras to save one unit per day to near by villages on 18 October 2019. Stella Mary's College of Engineering



Event Title: Energy Conservation Awareness Program

Event Date: 15-12-2019 Club Name: PEC G9 Ensav Club

Ponjesly Ensav club and Department of EEE, Ponjesly College of Engineering jointly organized Energy Conservation Awareness Program in St. Sebastin Church, Madathattuvilai on 15.12.2019.



Event Title: Energy Conservation Awareness Program

Event Date: 08-10-2018

Club Name: PEC G9 Ensav Club

Ponjesly Ensav club inauguration on 8th October 2018 at Ponjesly College of Engineering, Nagercoil



Event Title: Inaugural of Green9 Ensav club

Event Date: 08-10-2018

Club Name: SMCE G9 Ensav Club

SMCE Green9 Ensav club was Inaugurated on 8th October 2018 at New conference hall, Stella Mary's College of Engineering. The inauguration of club was done by Dr.L.Ramesh, founder and chairman, Green9 and Dr.Balamurugan, Vice chairman, Green9. Stella Mary's College of Engineering



Event Title: Inaugural Ceremony and a Seminar on Energy Saving

Event Date: 14-09-2018

Club Name: SXCCE G9 Ensav Club

G9 SXCCE EnSAv Club organized the "Energy Awareness camp at Manalikai village, Kanyakumari Dist.," on 10/02/2019. Around 30 students have participated in the campaign. The student members explained the Green9 mantras of saving One unit per day to the people in that village.



Event Title: Inauguration Of Ensav Club

Event Date: 17-09-2018

Club Name: KRCE G9 Ensav Club

EEE department of K. Ramakrishnan College of Engineering, Tiruchirappalli inaugurated EnSAV club on 17th September 2018. On the same day organized one day national level seminar on the title “Need for Energy conservation” The chief guest for the inaugural function was Dr. L. RAMESH Founder and Chairman – Energy efficiency research group(Green 9), Dean at Dr. MGR Educational & Research institute, Chennai. Dr. D. Srinivasan, Principle, K. Ramakrishnan College of Engineering presided over the function and addressed the gathering regarding the importance of energy saving awareness. The function was well organised by Dr. K. Dhayalini, Professor & Head and Mr. P. Vigneswaran, Assistant Professor, Department of EEE.



Event Title: Awareness On Save One Unit Per Day

Event Date: 18-10-2018

Club Name: KRCE G9 Ensav Club

EnSAV club of K. Ramakrishnan College of Engineering, Tiruchirappalli distributed the green 9 nine mantra posters to the faculty members to create awareness regarding saving one unit per day on 18th October 2018. This created awareness among the staff members regarding energy saving. The poster distribution event was organised by Dr. K. Dhayalini, Professor & Head and Mr. P. Vigneshwaran, Assistant Professor, Department of EEE.



Event Title: Energy Conservation and its Impact on Technological Industry

Event Date: 19-12-2018

Club Name: KRCE G9 Ensav Club

KRCE EnSAV club of EEE department of K. Ramakrishnan College of Engineering, Tiruchirappalli organized Technical seminar on the title “Energy Conservation and its Impact on Technological Industry” on 19th December 2018. The speaker was Dr. Kevin Ark Kumar, Deputy Manager, Maintenance and services (Electrical), BHEL, Trichy. He highlighted the need for energy conservation and its recent technological impact on various divisions in the industry. Dr. K. Dhayalini, Professor & Head, Department of EEE welcomed the gathering and Dr. D. Srinivasan, Principal felicitated the gathering. The event was well organized by Dr. K. Dhayalini, Professor and Head and P. Vigneswaran, Assistant professor, department of EEE.



Event Title: Mould The Young

Event Date: 20-02-2018

Club Name: MGR G9 Ensav Club

MGR G-9 EnSAv club conducted the Event (SAVE ONE UNIT PRE DAY) in collaboration with Literary Seminary. In the event “**MOULD THE YOUNG**” &”DRAWING COMPETITION” for school children's at Seminar Hall on 20 Feb 2018. Dr.L.Ramesh Trained the school children's about How to save one unit per day with his Inspiring words. The students are Inspired to save one unit per day in their Houses. Drawing competition has been conducted for the school children and get the wonderful outcome with new ideas from the school children's. The Event was successfully executed by the EnSAv club team members.



Event Title: Save One Unit Per Day V2.1 Poster Inauguration

Event Date: 14-12-2018

Club Name: MGR G9 Ensav Club

IEI Tiruvallur Local Centre successfully completed the 1st day of Energy Conservation Week. 1st day event was titled as “Save One Unit Per Day V2.1” poster was inaugurated by Honorable TamilNadu Minister Er.K.Pandiarajan and President of Dr. M.G.R Educ. & Res. Institute - Er.A.C.S.Arunkumar on Energy Conservation Week - 14th Dec 2018 at 7th All India EWB Meet. After the successful, G9V1.0 and G9V2.0 implementations and the resulted 90% saving outcome in the houses, GREEN9 with partnering Institutions dedicated 9 points to save one unit per day in the domestic house.



The idea was well appreciated by the minister during the press meet. Team IEI TVLC express the happiness thanking note to Er.Gokul – Founder President EWB Chennai, who provided space to inaugurate the poster.

Event Title: 51st Engineers Day celebration

Event Date: 15-09-2018

Club Name: KRCE G9 Ensav Club

EnSAV club of K.Ramakrishnan College of Engineering celebrated the 51st Engineers Day celebration of 15th September 2018. The guest of the programme are Mr. N. Kanagasabapathi, President, TISITSSIA and Er. K.A. Viswanathan, Embedded validation software engineer, Visteon Technical service centre, Chennai. Dr. D. Srinivasan, Principal, addressed the gathering regarding the importance of Energy saving in industry. The function was well organised by Dr. K. Dhayalini, Professor & Head, Department of EEE.



Event Title: National level Workshop on Energy Management & Auditing

Event Date: 22-12-2018

Club Name: KRCE G9 Ensav Club

EnSAV club of department of EEE of K. Ramakrishnan College of Engineering, Tiruchirappalli organized Three day National level Workshop on Energy Management & Auditing with hands on training using Power Quality Analyzer from 20th - 22nd December 2018. Dr. D. Srinivasan, Principal, K. Ramakrishnan College of Engineering presided over the function and addressed the gathering regarding the energy management. The resource persons are Dr. S. Venkatanarayanan Professor/EnMs – Lead Energy Auditor, Empanelled faculty, K.L.N college of Engineering, Dr. K. R. Ramela Professor, K.L.N college of Information Technology, Er. A. Sahayaraj Executive Engineer (General), TANGEDCO – Theni District. Er. S. Shivakumar CEO, Green Solar Technology – Madurai. In this event faculties from various engineering colleges and industries people were participated and enriched their knowledge with the specific topics in Energy management. The function was well organised by Dr. K. Dhayalini, Professor and Head, Department of EEE.



Event Title: Importance of Energy Conservation

Event Date: 20-12-2018

Club Name: PEC G9 EnSAv Club

Ponjesly Ensav club celebrated Energy Conservation Week 2k18. Events (Elocution Competition, Essay writing, Poetry writing, Slogan writing and painting) were conducted on the topic "Importance of Energy Conservation" on 20-12-2018.



Event Title: Awareness programme on energy saving and energy audit

Event Date: 27-12-2018

Club Name: KRCE G9 Ensav Club

EnSAV club of department of EEE of K. Ramakrishnan College of Engineering, Tiruchirappalli organized Awareness programme on energy saving and energy audit on 27th December 2018. Students of third year and final year participated in the program and got awareness.



Event Title: Quiz Programme On Energy Saving Tips

Event Date: 28-12-2018 Club Name: KRCE G9 EnSAv Club

EnSAV club of department of EEE of K. Ramakrishnan College of Engineering, Tiruchirappalli organized Quiz programme on energy saving tips on 28th December 2018. Students of third year and final year participated in the program and winners were rewarded with certificates.



Event Title: My House My Saving

Event Date: 18-12-2018

Club Name: MGR G9 EnSAv Club

On the 2nd day 3rd day and 5th day of energy conservation week started with "My saving My house", "Distribution of Energy Saving Lamp in Villages" and "Save Energy Painting Competition" Overall 50 participants participated in the program. 3 best suggestions selected for implementation of My saving My house, created energy awareness through the energy saving ideas in 50 members.

After the successful, G9V1.0 and G9V2.0 implementations and the resulted 90% saving outcome in the houses, IEI TVLC with partnering Institutions dedicated 9 points to save one unit per day in the domestic house. IEI TVLC started promoting the poster through social media, so that it will reach all residence within short period.





IEI TVLC supported by the following Society partners – Green9, MGRVision 10MW, Engineer Without Boarder (EWB), ISpark, Voltech, A.P.J Abdul kalam International Foundation and Moral Resource & Research Foundation. MGR Model Village Project "Program S3 (Self Sustainable Smart) Habitat" in association with Engineer Without Border was inaugurated and promoted in villages by the distribution of Energy Efficient Lamp among general Public. IEI TVLC Identified the Village near Arni and Restructure that Village with own Self Sustainable model plan. 5th day of energy conservation week with "Painting competition" at Dr. M.G.R. Educational and research institute on 18th Dec. 2018. Overall 25 students participated in the energy saving painting competition. Two selected drawing got the prize, created energy awareness through painting in 50 members.

Event Title: National Energy Conservation Day

Event Date: 22-12-2018

Club Name: MGR G9 Ensav Club

Dr.M.G.R G-9 EnSAv Club partnering with IEI, Green9, EWB (Engineers without Border), Salcomp, and Ispark celebrated last event of energy conservation week in "Salcomp the 2nd world largest charger manufacturing company" at Chennai on 22nd Dec. 2018. Conducted training in 9 energy saving Technics to save one unit per day by Dr.L.Ramesh in two sessions; 1st session 1125 employees participated in the program and 2nd session 2000 employees participated in the program. In another two more sessions are conducted by the Dr.Balamurugan, (Asst. Engineer, TNEB); 1st session 1500 employees are participated in the program and by Er.D.Gokul (Scientist ISRO) 2nd session 1375 employees are participated in the program.



The overall energy saving awareness created in 6000 employees in the Salcomp Company. We are very extremely salute our thanking note to a young Managing Director of Salcomp Er.Sasikumar, who provided opportunity to interact with Salcompmembers.The energy conservation week concluded with making one unit save in person interaction awareness in 10,500 members in Chennai.

Event Title: Residential energy awareness programme

Event Date: 18-11-2018

Club Name: MGR G9 Ensav Club

MGR G-9 EnSAv Club Conducted the event named as "Residential energy awareness programme" at Thirumullavoyal on 18th Nov. 2018 successfully executed with the help of EnSAv club team members and Dr.Balamurugan, Assistant engineer TNEB & the special guest "D. Gokul, Scientist SE, Deputy project manager -Small satellite launch vehicle, SatishDhwan space centre, Shriharikota, Indian space research organisation, Govt of India, Nellore dt, Andhra Pradesh, EWB past Chairman". The event was started at 11am and completed at 3pm. Through the event we conducted preliminary audit in **40 houses** and gave recommendation to the 40 houses. Then 30 houses are ready to implement our energy saving recommendation in their house.



Special thanking note to our Honorable President who given the support to conduct awareness program in general public through the students MGR G-9 EnSAv Club. A big thanks to HODs of CSE,MECH., Civil & ECE for nominating members and Faculty for the Club.

Event Title: Inauguration Of F- 5 Awareness Program

Event Date: 17-11-2018

Club Name: MGR G9 Ensav Club

MGR G-9 EnSAv Club in association with MGR Energy Consultancy Services organized Inauguration of F-5 17th Nov 2018 at Anna Seminar Hall Dr.M.G.R Educational & Research Institute. Dr.J.Balamurgan, Asst. Engineer TNEB, Discussed how to do online audit with required data. Dr.L.Ramesh, Dean, discussed how to save One Unit / Day in residence.

The team members discussed about the plan of action & its implementation in Chennai & Tiruvallur district. The EnSAv Club Mentors Dr.Kumresan, Dr.Chandran, Mr.Kandaswami & Er.P.Rajkumar share their ideas to extent the club to create awareness for Trouble shoot in residential house and Safety management in residence. The members participated Mech-17nos, ECE-15nos & Civil-5nos.



Special thanking note to our Honorable President who inaugurated the MGR G-9 EnSAv Club in the last semester & the Club started action from this event. A big thanks to HODs of MECH., Civil & ECE for nominating members and Faculty for the Club. The vote of thanks given by Er.Jyoti (MGR EnSAv Club Coordinator).

Event Title: Inauguration Of R-100, S-800 Awareness Program

Event Date: 15-11-2018

Club Name: MGR G9 Ensav Club

MGR G-9 EnSAv Club in association with MGR Energy Consultancy Services organized R-100 & S-800 Awareness program on 15th Nov,2018 at Anna Seminar Hall Dr.M.G.R Educational & Research Institute. Dr.J.Balamurgan, Asst. Engineer TNEB, Discussed how to do online audit with required data. Dr.L.Ramesh, Dean, discussed how to save One Unit / Day in residence.



The team members discussed about the plan of action & its implementation in Chennai & Tiruvallur district. The EnSAv Club Mentors Dr.Kumresan, Dr.Chandran, Mr.Kandaswami & Er.P.Rajkumar share their ideas to extent the club to create awareness for Trouble shoot in residential house and Safety management in residence. The members participated Mech-17nos, ECE-15nos & Civil-5nos.

Special thanking note to our honorable President who inaugurated the MGR G-9 EnSAv Club in the last semester & the Club started action from this event. A big thanks to HODs of MECH., Civil & ECE for nominating members and Faculty for the Club. The vote of thanks given by Er.Jyoti (MGR EnSAv Club Coordinator).

Event Title: Energy Audit and Energy Awareness Camp

Event Date: 31-01-2018

Club Name: SXCCE G9 Ensav Club

The G9 SXCCE EnSAv Club organized the "Energy Audit and Energy Awareness Camp" at Kolvel Village, Kanyakumari District on 31/01/2018. The Student members of the EnSAv Club given awareness to all the houses in the village on Conserving energy by promoting green9 mantras of saving One Unit per Day. Around 30 students have participated in the campaign.




Event Title: Inter school Painting competition for school children


Event Date: 14-12-2018 to 22-12-2018

Club Name: KRCE G9 EnSAV Club

EnSAV club of EEE department of K. Ramakrishnan College of Engineering, Tiruchirappalli organized "Inter school Painting competition for school children" on the theme save energy. Nearly 35 students participated and winners were awarded with certificate and memento. The event was organized by Mr. P. Vigneswaran and Mr. S.P. Richard.



**K. RAMAKRISHNAN
COLLEGE OF ENGINEERING**
SAMAYAURAM, TIRUCHIRAPPALLI 621 112



ENERGY CONSERVATION - PAINTING COMPETITION

In view of World Energy Conservation day on 14th December 2018, KRCE EnSAV club decided to celebrate Energy Conservation week from 14th December to 22nd December 2018.

The KRCE EnSAV Club has started the initiative to create energy awareness campaign in order to promote energy conservation in the country. Painting competition for KRCE students has been included as one of the activity of the campaign, which would make awareness among the students about the need of conserving energy.

Students can use A3 drawing sheet for making the drawing. Students can pick any one of the following topics:

- Energy wastage -my idea
- My village my savings
- Future energy system
- My village my savings
- Future energy system

- The students can use pencil, colour pencils, crayons, and water colours and poster colours. The students may consider the following points while painting:
 - Relevance of the theme depicting the selected topics
 - Execution of concept theme
 - Overall visual appeal, handling of given space, appropriate colour combination.
- The participants can make the registration through the online registration before 20th Dec 2018 on the given link.
- The top of the painting should carry the following informations:- Name of the participant, Department, mobile number.
- First and second prize winners will receive winning certificate and memento.
- All the registered participants should submit their final painting on or before 31st Dec 2018. The selected participants will be intimated through their department heads.

Note:- For further details contact: Mr. S.P. Richard, EnSAV club co-ordinator, APJEE
Mobile No:98428 16643

Dr. K. Chinnaiyan
EnSAV club Ambassador

Mr. P. Vigneswaran
EnSAV club Advisor

Dr. D. Srinivasan
Principal

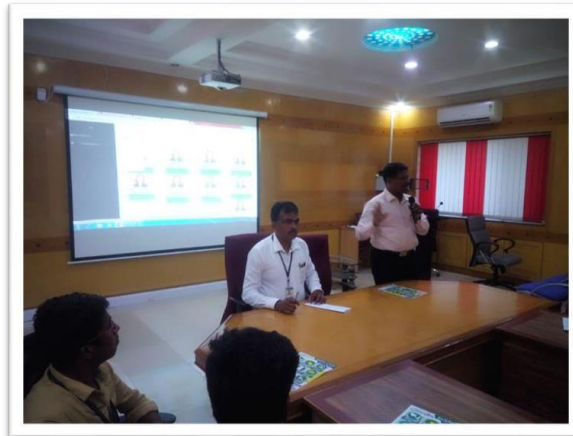


Event Title: Training Program On Residential House Audit For Student Members

Event Date: 18-07-2018

Club Name: MGR G9 Ensav Club

MGR G-9 EnSAv Club in association with MGR Energy Consultancy Services organized energy saving training program for the members 18th July 2018 at Anna Seminar Hall Dr. MGR Educational & Research Institute. Dr. J. Balamurgan, Asst. Engineer TNEB, Discussed how to do online audit with required data. Dr. L. Ramesh, Dean, discussed how to Save One Unit / Day in residence. The team members discussed about the plan of action & its implementation in Chennai&Tiruvallur district. The EnSAv Club Mentors Dr.Kumresan, Dr.Chandran, Mr.Kandaswami&Er. P. rajkumar share their ideas to extent the club to



create awareness for Trouble shoot in residential house and Safety management in residence. The members participated Mech-17nos, ECE-15nos & Civil-5nos.

Special thanking note to our Honorable President who inaugurated the MGR G-9 EnSAv Club in the last semester & the Club started action from this event. A big thanks to HODs of MECH., Civil & ECE for nominating members and Faculty for the Club. The vote of thanks given by Er. Jyoti (MGR EnSAv Club Coordinator).

Event Title: Energy Awareness Program In Institution

Event Date: 14-06-2018

Club Name: MGR G9 Ensav Club

Vision 10 MW initiative, Dr. MGR Educational and Research Institute and Energy Efficiency Research Group, "GREEN9", Director Dr. L. Ramesh created Energy Awareness through Save One Unit/Day Pamphlet among the Non-teaching staff in an Institution, Dr. MGR Edu. & Resh. Inst. Adyalmpattu campus, Chennai, Tamil Nadu, on 14th of June 2018. He begin the talk with general public problem of surplus electricity Bill Payment and how it can be reduced. He further talked about to promote Energy Awareness and to achieve one unit per day in Residence. He delivered the short and simple method with which a general public can save one unit per day, which will make a great difference in conservation of Electrical Energy. After the session All the staffs given their feedback and told for implementation also in their respective home. The team of EnSAv Club members distributed the one unit saving Broucher to all the staffs. Vote of thanks is given by the Mr. Lakshmi Narayanan.



Event Title: USAR 5000/300 (One Unit Save Awareness For Residence)

Event Date: 22-04-2018

Club Name: MGR G9 Ensav Club

Vision 10 MW initiative, Dr. MGR Educational and Research Institute and Energy Efficiency Research Group, "GREEN9", Director Dr. L. Ramesh created Energy Awareness through Save One Unit/Day Pamphlet among the general public in a NSS Campaign, Ambathur, Chennai, Tamil Nadu, on 22 nd of April 2018. He begin the talk with general public problem of surplus electricity Bill Payment and how it can be reduced. He further talked about to promote EnergyAwareness and to one achieve one unit per day in all the houses. He delivered the short and simple method with which a general public can save one unit per day, which will make a great difference in conservation of Electrical Energy. After the session general public given their feedback and told for implementation also in their respective home. Students working in NSS camp distributed the pamphlet among nearby houses and created awareness in the Society. About 100 general Public appeared in the Awareness Program.



Event Title: Poster Presentation On Water Energy Conservation

Event Date: 22-03-2018

Club Name: MGR G9 Ensav Club

The Institution of Engineers(India) Tiruvallur Local Centre in association with IE (India) MGR Student Chapter and GREEN9 MGREnSAv Club celebrated successfully the World Water Day with the program Titled as "**Coping with Water Scarcity (Water Conservation Drawing Competition)**".This Program brings together the academic students, academic institutions and organizations to learn the keynotes for saving water and create awareness. The event held on March 22nd of 2018 on the occasion of World Water Day, at Seminar Hall, Dr. MGR Educational and Research Institute, Maduravoyal, Chennai- 95.



The lecture was very well organized to accommodate budding engineers from various institutions and academicians. The welcome speech was delivered by Er. R. Kalaingnan, Faculty Advisor, IEI MGR Student Chapter. He welcomed all the dignitaries, students and other guests. Dr. S. Ravichandran, Secretary, IEI TVLC delivered the Felicitation Address in the event and delivered an inspirational talk on Water Conservation. Dr. L. Ramesh, Joint Secretary, IEI TVLC honored the Speaker Mr. A. Peter Rajan, Chemist, Tamil Nadu Electricity Board, Tamil Nadu with Memento. After that the inaugural lecture session has

been executed by speaker for the lecture Mr.A. Peter Rajan, Chemist, Tamil Nadu Electricity Board, Tamil Nadu. He inaugurated the “Water Conservation Drawing

Competition”for the Students for the further processing in event.Students drawn several Drawings with related to the concept of Water Conservation.



Er. R. Kalaingnan announced Best three Students’ Drawing after several Review by Jury Members. Mr.A. Peter Rajan, Chemist, Tamil Nadu Electricity Board, Tamil Nadu Distributed. The prizes among Winners of theCompetition.Er. Abhishek Arya, Activity Manager, IEI TVLC delivered the vote of thanks to Speaker, all the dignitaries and esteemed audiences. About 60 audiences appeared in the program.

Event Title: School Awareness Program

Event Date: 22-04-2018

Club Name: MGR G9 EnSAv Club

MGR GREEN9 EnSAv Club pride in organizing as an interaction on “**One Unit Save/Day Brouchre**” with students and General Publics. The event held on 3rd March 2018 at Government High School J.J. Nagar West, Chennai, Tamilnadu. The Program inaugurated with presenting Shawl and Memento to Dr. L. Ramesh Add. Dean E&T, Dr. MGR Educational and Research Institute. After that the technical interaction session has been executed by Dr. L. Ramesh, Add. Dean E&T, Dr. MGR Educational and Research Institute. He begins his talk with the Importance of Energy Conservation now days. He extended his talk how a small step towards energy Conservation can make a greater differences which enriched the audience and general public very much.



He touched some technical topics also like Voltage Fluctuation difficulties in India. About 40 audiences appeared in the program.

Event Title: Save One Unit One Day Awareness Programme

Event Date: 16-09-2017

Club Name: MGR G9 EnSAv Club

MGR G-9 EnSAv Club Conducted the event named as " SAVE ONE UNIT ONE DAY " at maduravoyal on 16THsep 2017 successfully executed with the help of EnSAv club team members . The event was started at 10:00 A.M and ends 04:00 p.m . Through the event we created awareness in 100 people and explained their benefits to the 100 people and their families . Then 30 houses are ready to implement our energy saving recommendation in their house. A brief awareness was created to people on energy saving and their benefits by Dr.L.ramesh and his team



Event Title: Seminar on Smart grid & Energy Management

Event Date: 15-09-2017

Club Name: SXCCE G9 Ensav Club

The G9 SXCCE EnSAv Club was inaugurated during the academic year 2017-2018 on 15/09/2017 in the Seminar Hall, Department of EEE by the Chief Guest Dr. V. Saravanan, TCE, Madurai. The Chief Guest also delivered a seminar on "Seminar on Smart grid & Energy Management". Around 64 students have participated in the Inaugural function and seminar.



Event Title: Inauguration Of Ensav And Waste Management Club

Event Date: 16-09-2017

Club Name: MGR G9 Ensav Club

Energy Saving and Waste Management is one of the major growing concerns in today's scenario. The laziness activities of the human being results to the wastage of food, fuel, power, energy etc. When we talk about waste management the first thing which comes to our minds is the water, food, e-waste, bio-waste, chemical-waste, etc. With the help of waste management, we can find the level of wastage and idea to minimize it. As per a survey by IIM Kolkata, only 10% of food gets cool and dry storage facility in India.

On the other hand the scenario of electrical demand in the society is increasing day by day and due to this the demand is not matching with the generation. Energy auditing and conservation can save India Rs1800Crore / year equivalent to installation of 5250 MW. To support the energy saving and wastage audit initiative the department of EnSAv and Waste Management Club conducted Inauguration on 16th September 2017 at Dr. M. G. R. Educational & Research Institute, main campus. Er. A.C.S. Arun Kumar, President, Dr. M.G.R. Educational and Research Institute, Inaugurated and presented the EnSAv and Waste Management Club formation Certificate to the student members. The aim of giving Certificate is to motivate and encourage the students to do well in their social work.



ENergy **E**fficiency **R**esearch **G**roup (**GREEN9**), EnSAv Club will work with the motto of “To promote Energy Saving Awareness” to the general public. The Club used to aware the public with energy saving tips by posters, banners, vouchers, social media and videos. Waste Management Club will work towards Promoting on minimize the waste like, example; e-waste, bio-waste, chemical-waste, etc. The initiative of this club to Aware the general public regarding Power Saving and Waste Management which helps to develop the country.

Event Title: Connect Chennai Through Energy Saving Awareness

Event Date: 01-04-2017

Club Name: MGR G9 Ensav Club

MGR vision 10MW organized CSR Program on Connect chennai through energy saving awareness to public on 01-04-17 by shaileshkumar, mustuphamiyan, nitychaurasiya& Team, students, Dr.MGR Educational & Research Institute, Chennai at the industries in Ambattur, chennai. The main objective was to create awareness on energy conservation in various industries. Dr.L.Ramesh, Addl. Dean E&T inaugurated the program.



Our team given Energy Awareness talks to public people and given some necessary recommendations for energy savings. We have done the energy wastage audit, collected all the necessary data, found various issues which causing the heavy wastage of power, recommended with various tips with and without investment. The program ended with a thanks giving by our Addl. Dean.

A Feedback session was also done from which it was known that industry peoples understood very well & were happy to learn about energy savings.

Event Title: Public Awareness On Energy Saving In Institution

Event Date: 28-03-2017

Club Name: MGR G9 Ensav Club

MGR vision 10MW organized CSR Program on public Awareness on Energy saving through EB office on 28-03-17 by subham jaiswal & Team, students, Dr.MGR Educational & Research Institute, Chennai at the Hostel, Dr.MGR Educational & Research Institute, Chennai. The main objective was to create awareness on energy saving to students. Dr.L.Ramesh, Addl. Dean E&T inaugurated the program.



Our team given Energy Awareness talks to students and given some necessary recommendations for energy savings. We have done the energy wastage audit, collected all the necessary data, found various issues which causing the heavy wastage of power, recommended with various tips with and without investment. The program ended with a thanks giving by our Addl. Dean.

Event Title: CSR Program On Energy Awareness In Industries

Event Date: 31-03-2017

Club Name: MGR G9 Ensav Club

MGR vision 10MW organized a CSR program on energy awareness to Industries on 31- 03- 17 by Abhishek Arya, Jyoti & Team, students, Dr.MGR Educational & Research Institute, Chennai at the industries in Ambattur, chennai.



The main objective was to create awareness on energy conservation in various industries. Dr.L.Ramesh, Addl. Dean E&T inaugurated the program. Our team given Energy Awareness talks to 50 industries among 200-250 industry people and given some necessary recommendations for energy savings. we completed 4 audits and submitted 19 recommendations with achievement of 29.4% savings outcome. The session ended with a thanks giving by our Addl. Dean. A Feedback session was also done from which it was known that industry peoples understood very well & were happy to learn about energy savings.

Event Title: Energy Conservation Tools For Energy Audit By Darter Technologies

Event Date: 10-02-2017

Club Name: MGR G9 Ensav Club

MGR vision 10MW organized a Training Program on Energy Conservation Tools for Energy Audit on 10-02-17 by Mr. Sivakumar & Team, Darter Technologies, Chennai at Dr. M. G. R. Educational & Research Institute, main campus. The main objective was to provide useful insight of basics of energy audit tools. Dr. L. Ramesh, Addl. Dean E&T introduced the resource person Mr. Sivakumar & Team, Darter Technologies, Chennai.



15 students participated in the workshop and 2 sessions were conducted.

The following topics were discussed.

Session 1:

1. Introduction to Energy audit
2. Uses
3. Where it is applied

4. Introduction of energy conservation tools
5. Execution part

Session 2:

1. Practical implementation of energy conservation tools.

The scope for energy audit was discussed and the discussion also encouraged the students to learn more about its applications in real time. The session ended with a thanks giving by our Addl. Dean.

A Feedback session was also done from which it was known that participants understood the topics very well & were happy to learn new things.

Event Title: Regional Level Workshop On "Energy Audit"

Event Date: 12-04-2016

Club Name: MGR G9 EnSAv Club

12th April 2016

•Today's session starts with the brief description and glance about Vision 10MW Forum by **Ms. Priyanka Kumari** , A student Member of Vision 10MW.





- Welcome address is given by **Dr. L. Ramesh**, Addl. Dean and Director Vision 10MW, followed by Inaugural address given by Dean E&T

- Presentation was started around 10:00 AM and it was given by **Er. Balamurugan**, Asst. Executive Engineer, TNEB on “World Energy Scenario and Need for Energy Conservation”.

1. Focus on present generation and conservation of energy.
2. Importance of the power generation and its demand.

- After tea break presentation was given by **Dr. L. Ramesh**, Addl. Dean on “Introduction To Energy Audit And Process Of Methodology”,

1. Why energy audit is important and necessary.
2. Methods, levels, single line diagram and recommendation of energy audit.

- Lunch break was given for 1hour.

- After lunch break presentation was given by **Er. Kishor**, Senior Member, MGR Vision 10MW on “Industrial and Commercial Energy Audit”.

1. Share their audit experience in the Industries and commercial buildings.
2. Describe the single line diagram and the recommendation part of the Industry and commercial building.

- Next presentation was given by **Mr. Ashok Kumar**, Member Vision 10MW on “University office lighting audit”.
 1. Share their lightning audit experience in university office.
 2. Shown the recommendation after audit.
- Tasks are assigned to the different groups of students named A,B.....,H to make pamphlet on energy conservation and proper utilization.
- Results are announced at the end of the session.

13th April 2016

- Presentation was started around 10:00AM, it was given by **Er. Narayanan**, Asst. Executive Engineer, TNEB on “Technology for Domestic Appliances Energy Efficiency”.
 1. Focus on the appliances and their characteristics, eg: - Induction stove, motor, refrigerator, washing machine, AC etc.
 2. Benefits of LED Technology and sustainable lamps powered by ALGAE.
 3. Present video on Green Houses.
- Tea break was given for 15 min’s.
- After the tea break the presentation was given by **Dr. L. Ramesh**, Addl. Dean and Director Vision 10MW, on “Writing Efficiently Energy Audit Report”.
 1. Energy audit in building and its method.
 2. Levels of energy audit and description.
 3. Recommendation part.
- Next presentation was given by **Er. N. Bhuvaneshwari**, Head Ecology Research Group on “Energy Policy & Standards of Audit”.
 1. Spoke on the policy’s on the energy and the standards of the audit.
- Lunch break was given for 1 hour.
- After lunch **Mr. Ashok Kumar, Member Vision 10MW** tells the use of E-tap software and gave a demo.
- Next presentation was given by **Er. Madhusudhana Raj**, Assistant Manager, Voltech Private Limited on “Importance of safety Audit”.
 1. Shown the single line diagram of pandy cheery governor’s house.

2. Importance of arresters safety measures.

- Next presentation was given by the **Ms. Priyanka team, Mr. Bharath Team** and **Mr. Sujeet team** about their projects.
- Next presentation by the group members A,B.....,H on their energy audit study tasks which is given on 12th April 2016.
- Certificate distribution ceremony at 4:30PM.







Event Title: Power Utilization Survey Camp

Event Date: 16-03-2016

Club Name: MGR G9 Ensav Club

MGR vision 10MW organized a camp in mogappair area about the power utilization on 16 march 2016. The main objective of the team is to create awareness on “ save one unit per day” and it’s benefits to public



How to Save One Unit Per Day in Home

Dr. L. Ramesh, Add. Dean E&T, Dr. MGR Educational and Research Institute. He begins his talk with the Importance of Energy Conservation now days. He extended his talk how a small step towards energy Conservation can make a greater differences which enriched the audience and general public very much.

RELEASED IGEN ENSAVCLUB EVENT BOOK 2020

BY



PROF IR DR VIGNA KUMARAN RAMACHANDARAMURTHY
Head of Power Systems Unit, Institute of Power Engineering
Universiti Tenaga Nasional, Malaysia

Thank
you!

ENSAV CLUB

Energy Saving Awareness Club

A Unit of Energy Efficiency Research Group, under IGEN



The Institution of
Green Engineers



A Registered Society under The Institution of Green ENgineers (IGEN)

SUSTAINABLE DEVELOPMENT GOALS

