

# PROFILE BOOK

*MGR G9 ENSAV CLUB*



**2016-2021**

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## ABOUT MGR G9 ENSAV CLUB

EnSAv (Energy Saving Awareness) club was established by GREEN9 (ENergy Efficient Research Group) at Dr.M.G.R Educational and Research Institute by our honorable president Er.A.C.S.ArunKumar in the year 2017. 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.

Energy Saving Awareness 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. Club was launched, with a motive to engage students, the future of our country, increasing awareness and taking their first steps in Energy Conservation. Today along with energy conservation, we are sensitizing students about resource scarcity, and effects of CO<sub>2</sub> emissions.





# OFFICE BEARERS LIST



### MGR ENSAV COUNCIL MEMBERS 2020-21

**Club Name :MGR G9 ENSAV CLUB      Club Reference No : GEM01**



**College Name : Dr MGR EDUCATION AND RESEARCH INSTITUTE**

**Participating Department : EEE,ECE,MECH,IT,MCA,DENTAL,MEDICAL**

**ENSAV PATRON (Principal) :Dr. CB.PALANIVELU**

#### ENSAV EXTERNAL ADVISOR :

Sn	Designation	Name	Whatsapp no.	Email ID
1	EnSAv Mentor(Joint Registrar)	Dr .L.Ramesh	9940202763	<a href="mailto:Joinregister-e&amp;p@drmgrdu.ac.in">Joinregister-e&amp;p@drmgrdu.ac.in</a>
2	EnSAv Convenor(Faculty Head)	Ms.Anitha.K	807293774	<a href="mailto:mecstar@drmgrdu.ac.in">mecstar@drmgrdu.ac.in</a>
3	EnSAv Project Advisor(Faculty)	Ms.Bhagyalakshmi.P	9941573218	<a href="mailto:bhagyalakshmipasam.mech@drmgrdu.ac.in">bhagyalakshmipasam.mech@drmgrdu.ac.in</a>
4	EnSAv Project Advisor(Faculty)	Mr.Praveen	8438107928	<a href="mailto:Praveen.cse@drmgrdu.ac.in">Praveen.cse@drmgrdu.ac.in</a>
5	EnSAv Project Advisor(Faculty)	Mr. Sivanand	9840751266	<a href="mailto:Sivanand.eee@drmgrdu.ac.in">Sivanand.eee@drmgrdu.ac.in</a>
6	EnSAv Project Advisor(Faculty)	Ms. Kiruthika devi	9791128792	<a href="mailto:Kiruthikadevi.it@drmgrdu.ac.in">Kiruthikadevi.it@drmgrdu.ac.in</a>
7	EnSAv Project Advisor(Faculty)	Ms. Priyadharshini	8838294087	<a href="mailto:Priyadharshini.civil@drmgrdu.ac.in">Priyadharshini.civil@drmgrdu.ac.in</a>
8	EnSAv Project Advisor(Faculty)	Ms. Janani	9600212232	<a href="mailto:Janani.ece@drmgrdu.ac.in">Janani.ece@drmgrdu.ac.in</a>
9	EnSAv Chairman	IV Srirathi m	8489054564	<a href="mailto:srirathimuthuraman@gmail.com">srirathimuthuraman@gmail.com</a>
10	EnSAv ENSAVER	II Kaviya	7299760102	<a href="mailto:Kaviya123@gmail.com">Kaviya123@gmail.com</a>

11	EnSAv Vice Chairman	III	Venkatesh V	9176803565	<a href="mailto:ervenkatesh2508@gmail.com">ervenkatesh2508@gmail.com</a>
12	EnSAv Secretary	IV	Dharani	7339207508	<a href="mailto:dharani.it@drmgrdu.ac.in">dharani.it@drmgrdu.ac.in</a>
13	EnSAv Joint Secretary	III	Suwedha P	9176455820	<a href="mailto:suwethaperumal02@gmail.com">suwethaperumal02@gmail.com</a>
14	EnSAv Treasurer	III	Dhivya dharshini V	8680990355	<a href="mailto:diviyavidhya16@gmail.com">diviyavidhya16@gmail.com</a>
15	EnSAv Monitor1	III	Sneha D	9360408746	<a href="mailto:sindhu2611sneha@gmail.com">sindhu2611sneha@gmail.com</a>
16	EnSAv Monitor2	III	Nithin kumar N	6381313495	<a href="mailto:royannsm@gmail.com">royannsm@gmail.com</a>
17	EnSAv Monitor3	III	Kotni kanaka Raju	9390685691	<a href="mailto:kanakarajukotni@gmail.com">kanakarajukotni@gmail.com</a>
18	EnSAv Monitor4	II	Saran aravinda C	8925065600	<a href="mailto:aravinda06bt@gmail.com">aravinda06bt@gmail.com</a>
19	EnSAv Monitor5	II	Pranav P	8438908910	<a href="mailto:pranav.chess11@gmail.com">pranav.chess11@gmail.com</a>
 <b>Department Head</b>				 <b>Events Convener</b>	



# **ABOUT ENERGY CONSERVATION RESEARCH**

# ENERGY CONSERVATION RESEARCH

- **SAVE ONE UNIT PER DAY FEASIBILITY STUDY**

Tested with category of 500 houses and got 95 percentage success rate of outcome

- **SAVE ONE UNIT PER DAY " V1.0 INAUGURATED ON 50TH ENGINEERS DAY 2016"**

Training provided after execution of energy audit with selected 500 houses and suggested that possibility of energy saving when implementing nine point to houses. Five thousand members were promoted through printed pamlet

- **"SAVE ONE UNIT PER DAY " V2.0 INAUGURATED AT APJ VISION 2020 CONFERENCE 2017**

Training provided after execution of energy audit with 1000 houses, in which 500 houses started implementation of V2.0. Twenty thousand members were promoted through printed pamlet. The promotional activity was well appreciated by Media Puthiyathalaimurai TV - Visit TV interview on SOUPD V2.0 at GREEN9 Channel

- **SAVE ONE UNIT PER DAY V2.1 INAUGURATED AT EWB INDIA CONFERENCE 2018**

Training provided after execution of energy audit with 2000 houses, in which 1500 houses started implementation of V2.1. Above One Lakhs members were created awareness through WhatsApp and above two lakhs members were created awareness through FB/Linkdin. Forty thousand members were promoted through printed pamlet. Five Awareness rally executed with the help of three schools. Five KM Run on June 5, 2019 at Vishkapatnam and created awareness with 50,000 public



# **NINE MANTRAS POSTER**

**9 MANTRAS TO SAVE ONE UNIT / DAY Version 2.1**



**Total Save - 1585 Whr / Day**

**Dear Consumers: Apply above Nine Mantras to Save One Unit Per Day in your House**





# EnSAV Club

Energy Saving Awareness Club

**SAVE ONE UNIT / DAY**

Version 1.0



Switch off the  
equipment  
after use



Regular  
cleaning of fan  
and AC Filter



Optimal temp.  
setting of AC /  
Refrigerator



Use of LED  
Study lamp



Regular  
defrosting of  
the Refrigerator



Usage of Heavy  
equipment in  
non peak hours



Avoid leaving  
the equipment  
in standby mode



Auto cut off mode  
usage of AC in  
early morning



Replace the  
maximum utilized  
light with a solar LED

**Dear Consumers: Apply our nine ideas to save one unit per day in your house**



# **EVENTS ORGANIZED**

S.NO	DATE	NAME OF THE EVENT
1	14-DEC2021	NATIONAL ENERGY CONSERVATION DAY CELEBRATION
2	07-DEC2021	ENERGY CONSUMPTION SURVEY IN APARTMENT
3	04-DEC2021	PANEL DISCUSSION ON "DO HUMAN FORGET TO CONSERVE ENERGY "
4	31-OCT-2021	UDHAVUM ULLANGAL'S ANANDHA DEEPAVALI 2021
5	23-OCT-2021	MGR OXYGEN EVENT( PLANT GROWTH CAPTURE )
6	10-OCT-2021	ACT TO CONSERVE(1 MINUTE ACTION TOWARDS ENERGY CONSERVATION)
7	05-OCT-2021	INAUGURATION OF KALAM ENSAVER VILLAGE ( ENERGY CONSERVATION AWARENESS FOR 300 HOUSES IN VILLAGE)
8	23-SEP-21	ENERGY CONSERVATION AWARENESS TO SCHOOL STUDENTS (9 MANTRAS CAMPAIGN)
9	08-SEP-2021	SAVE TODAY, SURVIVE TOMORROW(ENERGY CONSERVATION)
10	14-AUG2021	BEHIND THE SCENE( ENERGY CONSERVATION & CONSUMPTION REDUCTION WITH EFFECTIVE MEASURES)
11	10-JUL-2021	MEME WAR(HOW TO SAVE ONE UNIT PERDAY & IMPORTANCE OF STAR RATED EQUIPMENT)
12	04-JUL-21	CYCLE AROUND THE CITY (ENERGY CONSERVATION AWARENESS CYCLING RALLY)
13	20-JUN-2021	COVIDENERGY PANEL DISCUSSION (A POSTIVE IMPACT OF ENERGY DURING COVID)
14	13-MAY-21	IGEN ENSAVCON 713
15	05-JUN-2021	LISTEN~ PLAY~WIN(RECENT TRENDS IN ENERGY STORAGE SYSTEM)
16	05-APR-21	THINK AND WIN (QUIZ COMPETITION ON ENERGY CONSERVATION WITH SCHOOL STUDENTS )
17	20-MAY-21	ENERGY AUDIT FOR SOLAR PANEL IMPLEMENTATION
18	23-MAR-21	ENERGY CONSERVATION AWARENESS CAMPAIGN AT ORGADAM
19	22-MAR-21	IGEN ENERGY 99 CHALLENGE (WINNERS PRESENTATION - DAY 01)
20	10-MAR-21	RESIDENTIAL ENERGY AUDIT AT AMBATTUR
21	17-02-2021	PRELIMINARY SURVEY FOR VILLAGE ADOPTION
22	22-JAN-21	TRAINING ON DETAILED HOUSE AUDIT FOR STUDENTS
23	06-JAN-21	ENERGY CONSERVATION AWARENESS (SAVE ONE UNIT PER DAY WITH ITM BUSINESS SCHOOL STUDENTS )
24	23-NOV-20	SMART SOLVERS
25	03-OCT-2020	IGEN GREEN 9 SDG CONCLAVE'20
26	17-APR-2020	INAUGURATION OF VILLAGE ADOPTION FOR ENERGY SAVING
27	19-MAR-2020	9 MANTRAS ENSAV CAMPAIGN AT THAI MOOGAMBIGAI DENTAL COLLEGE



S.NO	DATE	NAME OF THE EVENT
28	12-Mar-20	"GREEN9 ENERGY 999 CHALLENGE" AWARENESS CAMPAIGN TRIAL EVENT
29	3-Mar-20	RESIDENTIAL ENERGY AUDIT TRAINING FOR STUDENTS IN DR.M.G.R ERI
30	24-Dec-19	ENERGY AWARENESS CAMPAIGN
31	5-Nov-19	SAVE ONE UNIT PER DAY
32	1-Nov-19	OFFICE BEARERS OATH TAKING CEREMONY AND TALK ON WRITING JOURNAL ARTICLE FROM ENERGY CASE STUDY
33	15-Sep-19	CYCLE TO SAVE ENERGY AND PLANT TREE & PROMOTE ENGINEERING FOR CHANGE
34	20-Mar-19	ENSAV TALK AT ACS GROUP ARNI COLLEGE
35	12-Mar-19	INAUGURATION OF SCHOOL ENSAV-RAILLY 01
36	20-Feb-19	MOLD THE YOUNG
37	18-Feb-19	ENERGY EXPERT INTERACTION
38	18-Feb-19	TRAINING OF SAVE ONE UNIT PER DAY IN TPC
39	14-Dec-18	SAVE ONE UNIT PER DAY V2.1 POSTER INAUGURATION
40	18-Dec-18	MY HOUSE MY SAVING
41	22-Dec-18	NATIONAL ENERGY CONSERVATION DAY
42	18-Nov-18	RESIDENTIAL ENERGY AWARENESS PROGRAMME
43	17-Nov-18	INAUGURATION OF F-5 AWARENESS PROGRAM
44	15-Nov-18	INAUGURATION OF R-100 & S-800 AWARENESS PROGRAM
45	18-Jul-18	TRAINING PROGRAM ON RESIDENTIAL HOUSE AUDIT FOR STUDENTS MEMBER
46	14-Jun-18	ENERGY AWARENESS PROGRAM IN INSTITUTION
47	22-Apr-18	USAR 5000/300 (ONE UNIT SAVE AWARENESS FOR RESIDENCE)
48	22-Mar-18	POSTER PRESENTATION ON WATER ENERGY CONSERVATION
49	3-Mar-18	SCHOOL ENERGY AWARENESS PROGRAM
50	28-Sep-17	ENERGY CONSERVATION AWARENESS TO INDUSTRIES
51	16-Sep-17	"SAVE ONE UNIT ONE DAY" AWARENESS PROGRAMME
52	16-Sep-17	INAUGURATION OF ENSAV AND WASTE MANAGEMENT CLUB



<b>S.NO</b>	<b>DATE</b>	<b>NAME OF THE EVENT</b>
53	1-Apr-17	CONNECT CHENNAI THROUGH ENERGY SAVING AWARENESS
54	28-Mar-17	PUBLIC AWARENESS ON ENERGY SAVING IN INSTITUTION
55	16-Mar-17	CSR PROGRAM ON ENERGY AWARENESS IN INDUSTRIES
56	10-Feb-17	ENERGY CONSERVATION TOOLS FOR ENERGY AUDIT BY DARTER TECHNOLOGIES
57	12-Apr-16	REGIONAL LEVEL WORKSHOP ON "ENERGY AUDIT"
58	16-Mar-16	POWER UTILIZATION SURVEY CAMP

# **LIST OF AWARDS & APPRECIATIONS**

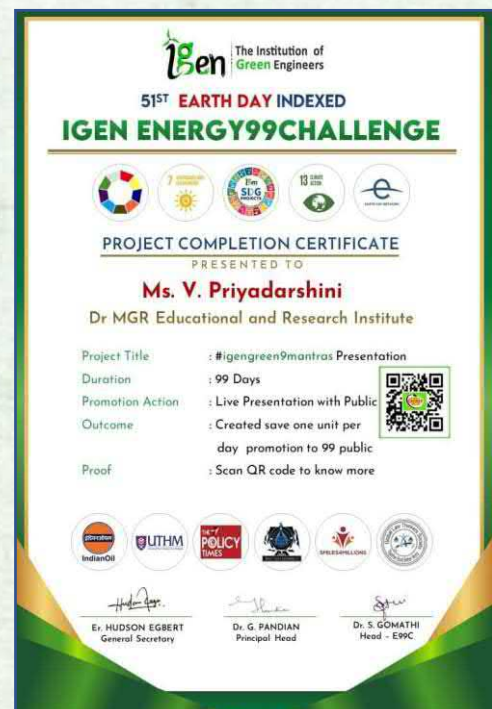
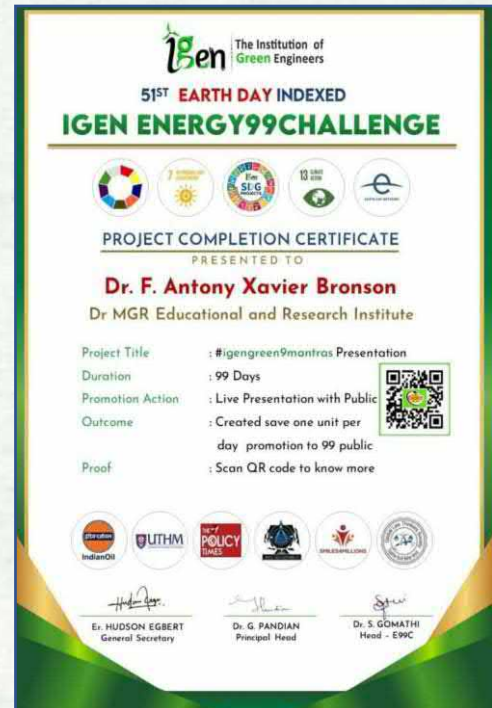


# Awards And Appreciations





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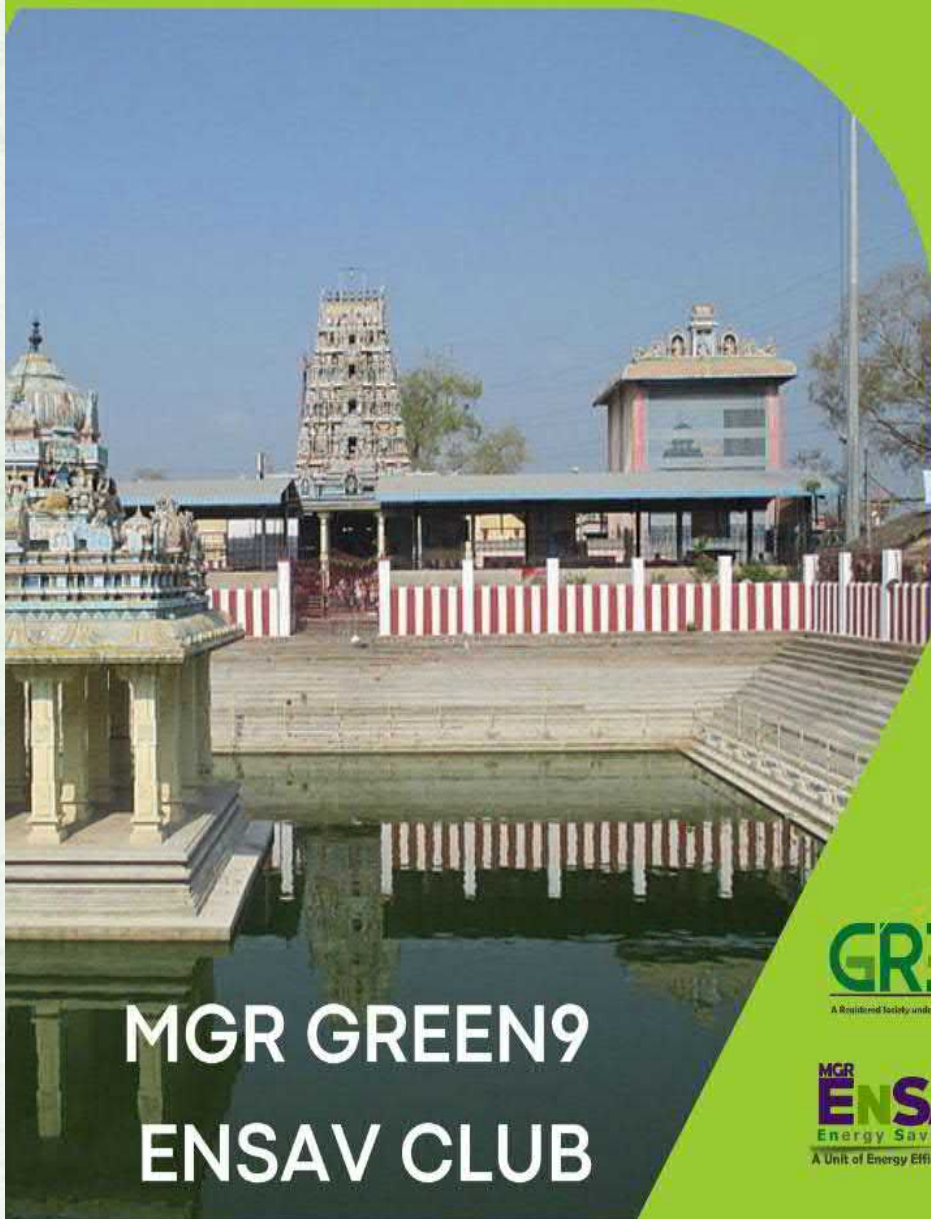




# KALAM VILLAGE PROJECT



# KALAM-MGR ENSAER VILLAGE PROJECT @Thiruverkadu



**MGR GREEN9  
ENSAV CLUB**

**GREEN9**  
A Registered Society under The Institution of Green Engineers (IGEN)

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



# KALAM –MGR ENSAVER VILLAGE PROJECT

## INAUGURATION KALAM VILLAGE

The KALAM- MGR ENSAVER VILLAGE PROJECT project was inaugurated by your Honourable President Er.A.C.S.Arun kumar at Seminar Hall,Dr.M.G.R.Educational &Research Institute. The other Chief guest for the event were Dr.S.Geethalakshmi – vice Chancellor ,Dr.C.B.Palanivelu- Registrar,Dr.V.Cyril Raj- Joint Registrar .The secretary of the KRSA Welfare Association also joined with the Ensav club team during the Inauguration of the village Project.



**The objective of the project in connection with UN SDG 7 Goals is as follows:**

- i) To create energy saving awareness among the residents of the village and implement the 9mantras of saving one unit per day at home
- ii)To replace one 40w fluorescent light with 9w LED in every residence of the village.

Through implementing the above two actions, the club ensures to create energy saving awareness among the village residents and to help them provide valuable and beneficial outcome in a short period.

Once the project is successfully executed, the village will be declared as **KALAM - MGR ENSAVER VILLAGE**.





## **DAY 01 CAMPAIGN**

- ❖ MGR Green 9 ENSAV CLUB Organized 1st day of village campaign on 10th October 2021 in Annai Abirami nagar at KRSA welfare association ,thiruverkadu. we created awareness to nearly 40 Resident of village. The students from various departments participated during campaign along with the Dr.L.Ramesh(Joint Registrar),Dr.A.Kannan(Dean), Dr.Antony Xavier Brohnsen, Ms.Anitha.k.



## **DAY 02 CAMPAIGN**

- ❖ MGR Green9 ensav club organized 2nd day of village campaign on 27th October 2021 Kanaga durga nagar at KRSA welfare association , Thiruverkadu . we created awareness to nearly 55 Resident of village.The students from various departments participated during campaign. Dr.A.Kannan-Dean energy conservation & Electrical Management , Staff Coordinator Dr.Antony Xavier .





### **DAY 03 CAMPAIGN**

- ❖ MGR Green9 ensav club organized 3rd day of village campaign on 29th October 2021 Suburamaniyabaruram at KRSA welfare association , Thiruverkadu. During the Third day of campaign , we created awareness to nearly 45 Resident of village. The students from various departments participated during campaign. Dr.A.Kannan-Dean energy conservation & Electrical Management ,Staff Coordinator Mr.Praveen kumar from CSE Department joined their hands for the campaigning.



### **DAY 04 CAMPAIGN**

- ❖ MGR Green9 ensav club organized 4th day of village campaign on 14th October 2021 Suburamaniyabaruram First Main Road at KRSA welfare association , in around Thiruverkadu. During the Third day of campaign , we created energy conservation awareness to nearly 60 Resident of village. The campaign was attended by first-year E&T students, Dr.A.KannanDean Energy Conservation & Electrical Management. we thank Dr.N.S.subhasree –Joint Registrar and staffs for joining their hands for the campaign.





### **DAY 05 CAMPAIGN:**

- ❖ MGR Green9 ensav club club joined hands with Department of Civil Engineering 5th day of village campaign at Thiruverkadu KRSA Welfare Association. A colossal drive to spread energy conservation Awareness among the public through energy savings mantras.. Along with the students
- ❖ we ensav club created energy awareness to nearly 60 houses and distributed Energy efficient LED bulbs to all the residents.we are grateful to HoD of civil department Dr.T.Kavitha & Ms.V. Priyadharshini Assistant Professor, civil department.

# IGEN SDG PROJECTS





## IGEN SDG PROJECT



## ENERGY 99 CHALLENGE WITH DR.M.G.R. UNIVERSITY STUDENTS

Made with PosterMyWall.com



# IGEN E99CHALLENGE





# PROJECT PHOTOS





## Objective of The Project:

•The Main Objective of the project is to implement energy saving, #igengreen9mantras to 99 public in 99 days with outcome to save 36K Units per Year.

## About The Project:

- These students started their challenge by handshake and say Hi5 to the first person and present the 9 mantras in 9 minutes. If they are happy, and will to start implement in his home.
- In the same manner they will complete 99 Hi5 and finish the preliminary phase of the challenge
- On completion of the campaigning first five photos need to be uploaded as a single collage in <https://www.facebook.com/groups/igenenergy999challenge> with short write up and continue to post all promotional photos in collage.
- After a month, start the final phase of the challenge to measure the implementation with 99 members and capture in photo or video.
- The final Phase of the challenge is completed by posting the outcome video/photo @ <https://www.facebook.com/groups/igenenergy999challenge> with short write up and receive the project completion certificate with IGEN achievement

## Report Of The Project:

- In this IGEN E99 challenge project nearly 12 students from various departments of your university have participated. The students were sneha, Diviya, Varsha, Sam, Saravanan, kanakaraju, T. Jessiel joy, K.V. Diviya, Nikhil Bhardwaj, Aravapalli sabareesh, Rahul kumar shah, Ajeet Kumar, Mithilesh kumar shah., MD Gulzar. Created awareness in and around chennai

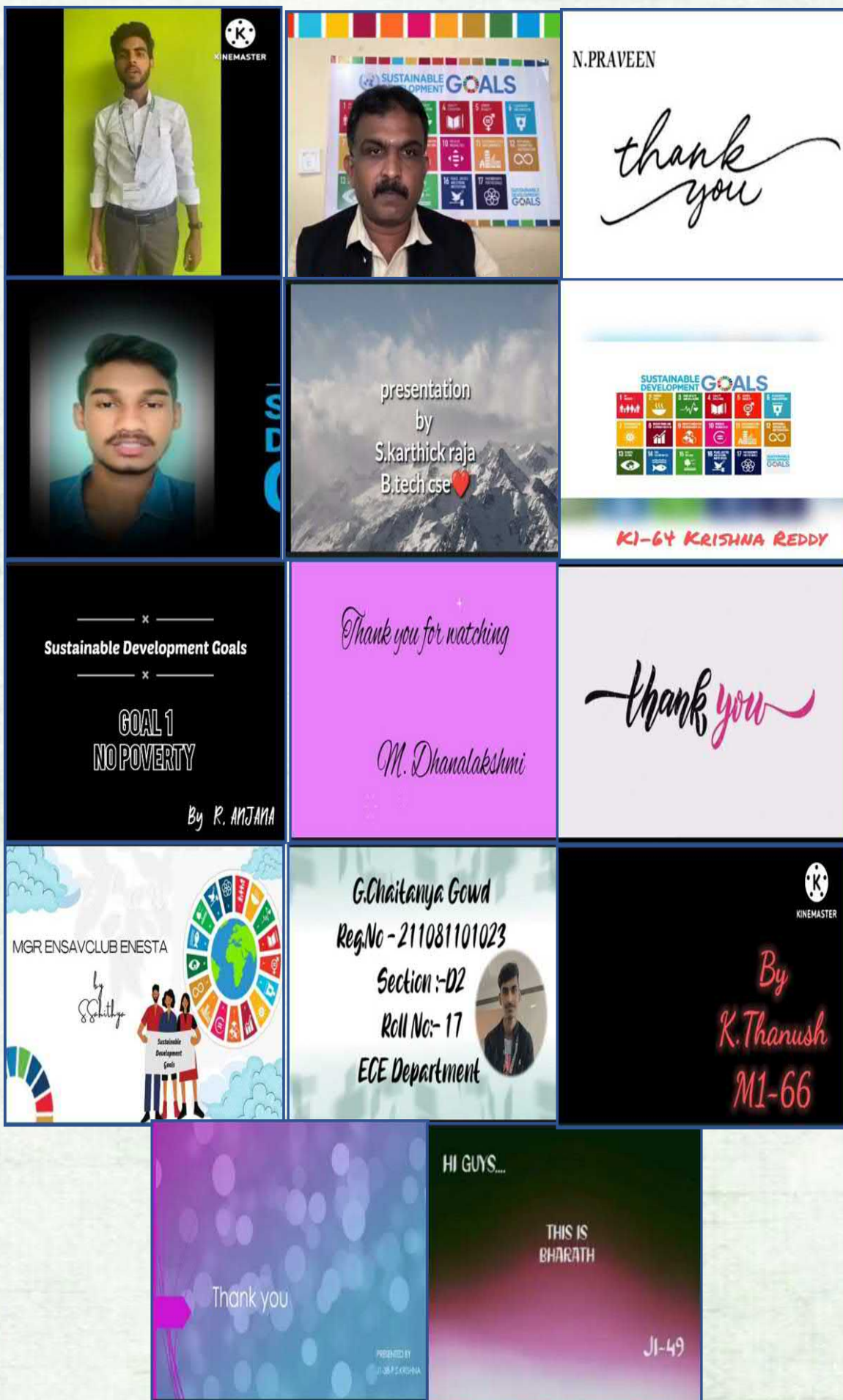






With Dr. MGR UNIVERSITY.

# IGEN TALK 4 SDG





## Objective Of The Project

The objective of the project is to provide worldwide guidance for addressing the global challenges facing the International community. In order to protect the natural foundations of life and our planet everywhere and preserve people's opportunity to live in dignity and prosperity across generations

## Report Of The Project

- The main objective of the project is to highlight the 17 UN SDG Goals which will transform the world into a more equitable place for everyone. In this project nearly 15 students from your university were involved to create awareness.
- The students who participating in this event have to give a recorded talk video for two minutes on any one of the SDG goals and have to post their awareness video in the fb page @ <https://www.facebook.com/groups/igentalk4sdg>.
- 
- After posting the videos they are support to share the video links to their close circle in order to increase the views for the videos.
- 
- The major advantage of this project is to create the awareness among the students through cultural forms and improve the skills of the student
- Students will be rewarded with medal for 500 views





# CYCLE FOR GREEN

With Dr. MGR University





# IGEN CYCLE 4 GREEN





## Objective Of The Project

- The objective of #igen cycle4green project is to create awareness for SDG goals indexed with green action.

## About The Project

- <https://www.facebook.com/groups/igen.cycle4green> In this project , we have to create your own team or start the alone .
- To start the project we have cycle for specified kilometers and create awareness on Green action
- We have to Post the cycling, awareness photos and videos @ <https://www.facebook.com/groups/igen.cycle4green>
- After completion of three cycling , the participant will receive a pilot project completion certificate.
- once fifty cycling action is completed IGEN Achiever medal and Project completion certificate will be issued to the participant
- Once ten cycling action is completed the participant will receive the IGEN SDG Action Awards

## Report Of The Project

- In this project,on behalf Dr.M.G.R.University , your Joint registrar Dr.L.Ramesh along with Dr.J.Balamurugan and started cycling project and completed 24 day of cycling . The team created awareness on green actions, road safety, how to save one unit per day to nerly 50 general public and road side shops near ambattur,padi,korattur, thiruverkadu



# **IGEN CONFERENCE**



# IGEN GREEN9 SDG CONCLAVE'20



Two Days, 16 Hrs, 14 Partners, Innovation Session on SDG 7, 9 & 13

Organized by

**MGR GREEN9 EnSAv Club**



**Dr. M.G.R.**  
EDUCATIONAL AND RESEARCH INSTITUTE  
Deemed to be University

UNIVERSITY WITH GRADED AUTONOMY STATUS  
Maduravoyal, Chennai - 600 095, Tamilnadu, India.  
(An ISO 9001:2015 Certified Institution)



**UGC-MGR SATAT**



**MGR Events Towards Sustainable Development Goals 7, 9 & 13**

## Agenda

**Tugs of  
World's Tussle**

**SLOT 9**

**Project  
Presentation**

**We Together  
for SDG 13**

**3<sup>rd</sup> Oct'20**

**10 to 11am**

**World in  
2050**

**Talk Show**

## Registration

For Two Day Programme: <http://theigen.org/sdgconclave2020.html>

For MGR Programme: <https://forms.gle/nBLq2gBoMswXD1vH6>

Visit - [drmgrdu.ac.in/green9ensavclub](http://drmgrdu.ac.in/green9ensavclub)

### Staff Coordinators

**Mrs. R. Aishwariya Devi**  
**Mrs. T. Kavitha**  
**Mrs. Pasam. Bhagyalakshmi**

### Student Coordinators

**Ms. Sri Rathi +91 84890 54564**  
**Ms. Booja Sundar +91 90809 11868**  
**Mr. Md Abrar Shariff +91 97911 94600**



# IGEN GREEN 9 SDG CONCLAVE'20

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**

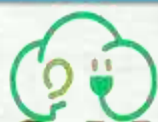
R. Logeshwaran, final year Mechanical Engineering student, presented his project on "Thermal management system in Electric Vehicle" which is related to SDG7. Dr. Narayana, faculty from Civil department explained his project "Air pollution Tester" related to SDG11.

- **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 REPORT 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 show was presented on the topic





# IGEN ENSAVCON 713

UN SDG GOALS 713 CONFERENCE

13 CLIMATE ACTION



SLOT-1

13<sup>th</sup> May 2021 7-8PM

Organized By

**MGRG9ENSAVCLUB**

7 AFFORDABLE AND CLEAN ENERGY



*Dr.M.G.R.Educational And Research Institute*



Panel  
Discussion



Debate  
Show



Mime  
Presentation



Video  
Presentation

**SDG  
EVENTS**



Power Point  
Presentation



Group  
Dance



News Mode  
Presentation



Project  
Presentation



**Dr. M.G.R.**  
EDUCATIONAL AND RESEARCH INSTITUTE  
DEEMED TO BE UNIVERSITY  
University with Graded Autonomy Status

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

Program Co-ordinators - Ms.Anitha.K., Dr.F.Antony Xavier Brohanson, Ms.Janani.M., Ms.Priyadharshini.V., Dr. Kiruthiga devi.M., Mr.K.Gnanamoorthy,  
Mr. Praveen Kumar.S., Dr.Chandiran.M., Mr.Srikrishnan .A



# IGEN ENSAVCON 713

We MGRG9ENSAVCLUB Organized "IGEN ENSAVCON 713" ,Slot-1 Scheduled on 13th May 2022 @06:45PM- 08:30PM at seminar Hall, Maduravoyal main campus. The program was Inaugurated around 06:15 pm by xiufeng Liu from Technical University Of Denmark. Once the Inauguration ended. We MGRG9EnsaV Club started our event . The program was hosted by ensav club secretary D.sneha . The felicitation address was delivered by Dr .Ethiraj Dean E&T. Assistant professor janani spoke about the Club. During the Event your 19 MGRstudents& 10 Faculty Members showcased their talent in an one hour action on United Nation Sustainable Development Goals 7& 13. We have planned one event from each department based on SDG Goals .Anandraj from ECE department gave a powerpoint presentation . 6 students from IT department gave mime presentation. 3students from cse presented a group dance .jannarthan and Jaison from mechanical department showcased their awareness in the form of News mode. Jessiel from civil department created awareness in the form of animated video . we also had saravanan from CSE department to display his final year project related to SDG 12 .We also had a small panel discussion in which speakers where Ezhil (Ph.D Scholar), Magitha (Ph.D Scholar), Praveen(Assistant Professor-CSE),Dr.Chandiran (Professor- Mechanical Department),Venkatesh (Secretrary of MGRg9 Ensav Club). We also had a Debate based on GREEN POWER VS BROWN POWER .Another team from EEE Department also displayed their final year project related to SDG 7. Finally we had a conclusion with the pledge video taken by our college staffs The staff coordinators were Dr.Kiruthiga Devi from IT,Ms.Janani from ECE,Mr.Gnanmoorthy from Bio-Tech, Dr.Chandiran&Mr.srikrishnan from mechanical department .,Mr.Praveen from CSE Department.



# **PUBLICATIONS**



# SCOPUS INDEXED CONFERENCE PUBLICATION

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
<a href="#">Electrical energy audit in residential house</a> A Kumar, S Ranjan, MBK Singh, P Kumari, L Ramesh Procedia Technology 21, 625-630	<a href="#">34</a>	2015
<a href="#">Design and analysis of a sustainable LV residential microgrid</a> TM Priya, V Sanjana, B Gohila, R Lavanya, A Anbazhagan, ... Procedia Technology 21, 139-146	<a href="#">11</a>	2015
<a href="#">Lighting electrical energy audit and management in a commercial building</a> K Keerthi Jain, N Kishore Kumar, K Senthil Kumar, P Thangappan, ... Proceedings of 2nd International Conference on Intelligent Computing and ...	<a href="#">6</a>	2017
<a href="#">Simulation Study of Residential Distribution Microgrid</a> KTM Priya, S Ranjan, L Ramesh ARPN Journal of Engineering and Applied Sciences 11 (3), 1811-1817	<a href="#">4</a>	2016
<a href="#">Residential House Electrical Energy Audit Case Study with ETAP</a> NKK Jain, NK Kumar, S Muralikrishnan, L Ramesh Springer Artificial Intelligence and Evolutionary Computations in ...	<a href="#">3</a>	2016
<a href="#">Study on Restructured Indian Distribution Feeder Self Sustained MGS</a> Ranjan, S Kumar, V Kumar, S Kumar, SK Patel, L Ramesh, A Kannan International Journal of Applied Engineering Research 10 (44), 31081-31088	<a href="#">3</a>	2015
<a href="#">Illumination level study and energy assessment analysis at university office</a> R Narayanan, A Kumar, C Mahto, L Ramesh Proceedings of 2nd International Conference on Intelligent Computing and ...	<a href="#">2</a>	2017
<a href="#">Simulation study of renewable energy driven microgrid</a> R Kozhi, M Kumari, LRL Ramesh Journal of Electrical Engineering 15 (1), 11-11	<a href="#">2</a>	2015
<a href="#">Ring main distribution state estimation through optimal meter placement</a> L Ramesh, SP Chowdhury, S Chowdhury, N Chakraborty IET Digital Library	<a href="#">1</a>	2012
<a href="#">Restructuring distribution feeder through HVDS concepts</a> MM Raju, L Ramesh, SP Chowdhury, S Chowdhury Latest Trends on Systems 1 (2), 54-59	<a href="#">1</a>	2011
<a href="#">Power Wastage Audit and Recommendation of Conservation Measures at University Library</a> N Neelakandan, K Sujana, P Kumari, P Kumari, AK Mishra, L Ramesh Proceedings of 2nd International Conference on Intelligent Computing and ...		2017

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
<a href="#">Performance Analysis of Restructured MGS</a> Ranjan, S Kumar, V Kumar, S Kumar, SK Patel, L Ramesh, A Kannan Fuzzy Systems 7 (4), 117-123		2015
<a href="#">Economic and Social Issues of Energy Auditing in an Industry</a> M Thanigivelu, A Kumar, R Yogaraj, L Ramesh Automation and Autonomous Systems 7 (4), 111-116		2015
<a href="#">Case Study Analysis in Residential House with Electrical Energy Audit</a> KK Jain, NK Kumar, L Ramesh Programmable Device Circuits and Systems 7 (7), 221-224		2015
<a href="#">Sustainable Powered Movable Refreshment Shop</a> S Kumar, R Ratna, R Singh, S Sain, V Gautam, S Balamurgan, L Ramesh Programmable Device Circuits and Systems 7 (7), 234-238		2015
<a href="#">Energy Audit for a Residential House with Considerable Recommendation for Implementation</a> L Ramesh International Journal of Applied Engineering Research 10 (20), 2015		



# OUTCOME OF THE EVENT

- ❖ Awareness and achievements on UN SDG Goal 07&13
- ❖ 62 Energy Conservation activities
- ❖ 23.43 Billion units saved Annually & 335.88 Tons of Co2 reduced
- ❖ 25 Students & 15 faculty received Ensav Award
- ❖ 4 Village declared with ENSAVER CERTIFICATION
- ❖ 2400 LED BULBS were distribute to general public with a saving of 87.6 units and 113.88Kg of Co2 saved annually
- ❖ 25 Articles on scopus publication
- ❖ IOT based Energy Conservation product implemented

SAVE ONE UNIT PER DAY

