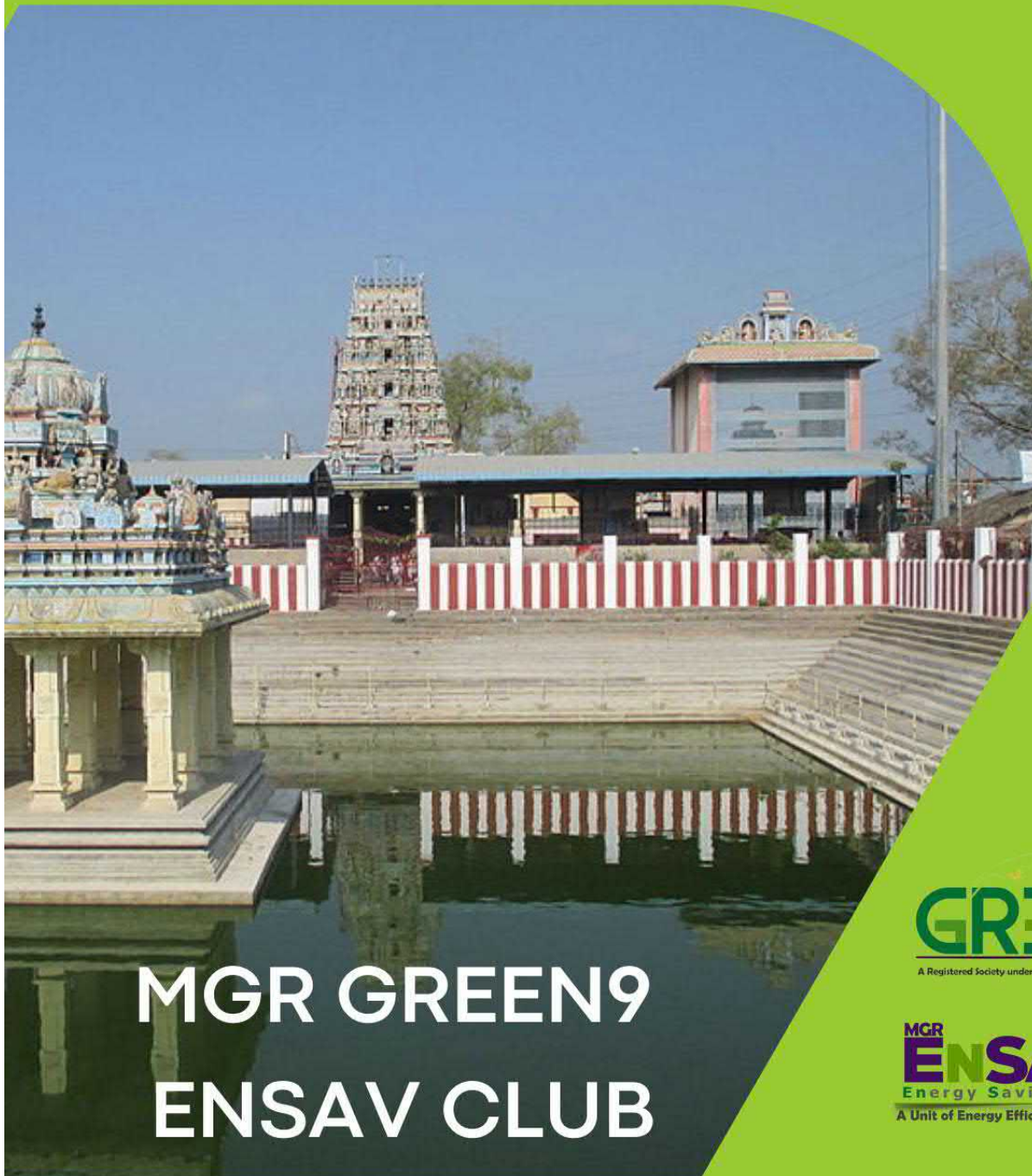


MGR-KALAM ENSAVER VILLAGE PROJECT @Thiruverkadu



**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

ABOUT MGR GREEN9 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.ArunKumarin 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 CO2 emissions.

ABOUT THE PROJECT

As part of noble initiative, the MGR GREEN9 Ensav club has started “KALAM-MGR ENSAVER VILLAGE PROJECT” and has mapped KRSA WELFARE ASSOCIATION, Thiruverkadu on 5th October 2021 to bring out its first project with 300 houses.

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.

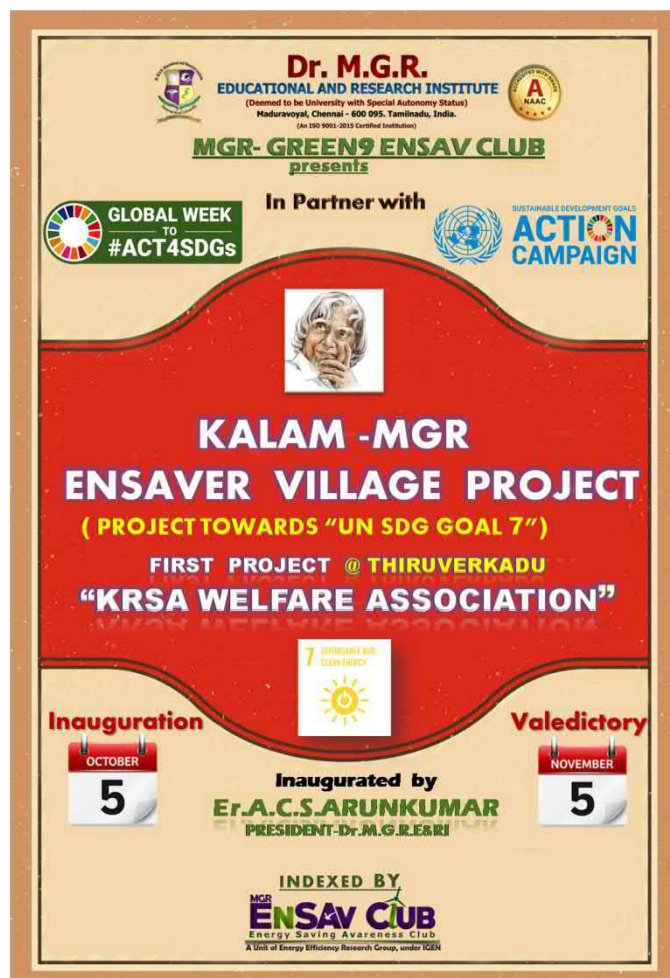
Through implementing the above two actions, the club ensures to create energy saving awareness among the village residents and to help them provide valuable and beneficial outcome in a short period.

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

The club also takes extreme delight in informing that the project has received global recognition with # ACT4SDGs & indexed with UNITED NATION SDG ACTION CAMPAIGN

The global recognition link is given below:

https://www.act4sdgs.org/profile/mgr_igenensavclub



PROJECT CO-ORDINATORS :

Dr.L.Ramesh- Joint Registrar

Dr.A.Kannan – Dean

Ms.Anitha.K- Convenor of Ensav club

STAFF CO-ORDINATORS

Dr. Antony Xavier – Bio-Technology

Ms. Priyadharshini – Civil Engineering

Mr. Praveen – Computer Science Engineering

Mr. Vishal.T - Information Technology

Ms. Janani - Electronics and Communications Engineering

Mr. Sivanand- Electrical and Electronic Engineering

Mr. Srikrishnan- Mechanical Engineering

INAUGURATION OF THE PROJECT

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. During the Inauguration, Dr.L.ramesh provided hands Training to students of the village project about the 9mantras on “how to save one unit per day” The students also verified their doubts regarding during the session.



DAY 01 CAMPAIGN :

We MGR Green9 Ensav club Started our village campaign on 10th October 2021 at subramaniyapuram 1st main road , Thiruverkadu. The campaign started around 11:00am and extended upto 01:00 pm. During the First day of campaign , we created Energy conservation awareness to nearly 40 Resident of village on “how to save one unit per day” and also shared information about the energy wastage in Day to Day life . To start this initiative we distributed energy efficient LED bulb to the resident. The students from various departments participated during campaign. Dr.L.Ramesh- Joint Registrar Dr.M.G.R.Educational & Research Institute , Dr.A.Kannan-Dean Energy conservation & Electrical Management , Staff Coordinator Dr.Antony Xavier joined their hands for the campaigning



DAY 02 CAMPAIGN :

We MGR Green9 Ensav club in association with Bio-technology department started our village campaign on 27th October 2021 at Kanaga Durga Nagar , KRSA Welfare Association Thiruverkadu. The campaign started around 11:00am and extended upto 01:00 pm. During the third day of campaign , we created Energy conservation awareness to nearly 55 Resident of village on “how to save one unit per day” and also shared information about the energy wastage in Day to Day life . To start this initiative we dispersed energy efficient LED bulb to the resident of the village . The students from various departments participated during campaign. Staff Coordinator Dr.Antony Xavier joined their hands for the campaigning



DAY 03 CAMPAIGN :

We MGR Green9 Ensav club in association with CSE Department started our village campaign on 29th October 2021 at , Kamatchipuram KRSA Welfare Association Thiruverkadu. The campaign started around 10:00am and extended upto 01:00 pm. During the campaign , we created conservation awareness to nearly 45 Resident of village on “how to save one unit per day” and also shared information about the energy wastage in Day to Day life . During the campaign , general public clarified their doubts regarding the electricity consumption of household appliances.To start this initiative we dispersed energy efficient LED bulb to the resident of the village . The students from various departments participated during campaign.Along with Ensav club team ,Staff Coordinator Mr.Praveen kumar from CSE Department joined his hands for the campaigning



DAY 04 CAMPAIGN :

We MGR Green9 Ensav club in association 1st Year E& T started our village campaign on 14th October 2021 at KRSA welfare association , in around Annai abirami nagar, KRSA Welfare Association Thiruverkadu. The campaign started around 10:00am and extended upto 01:00 pm. During the Third day of campaign , we created energy conservation awareness to nearly 60 Resident of village on “how to save one unit per day” and also shared information about the maintainace & Usage household appliances. To start this initiative we doled out energy efficient LED bulb to the resident of the village . The campaign was attended by first-year E&T students, Along with we thank Dr.N.S.subhasree –Joint Registrar and staffs for joining their hands for the campaign



DAY 05 CAMPAIGN :

We MGR Green9 Ensav club joined hands with Department of Civil Engineering successfully completed 5th day of Village Project campaign on 23/12/2021 at subramaniyapuum 2nd main road , KRSA Welfare Association Thiruverkadu . 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 in & around the association. we are grateful to HoD of civil department Dr.T.Kavitha & Ms.V. Priyadharshini Assistant Professor, civil department for joining the hands during the energy conservation campaign.



OUTCOME OF THE PROJECT

On successful implementation of the KALAM ENSAVER VILLAGE PROJECT at KRSA welfare Association, Thirvekadu the Energy saving outcome will be,

- ❖ On Creating Energy Conservation Awareness to 260 houses through 9 mantra to the general public of KRSA Welfare Association Residents the expected energy savings in units will be approximately **91,250** units/year
- ❖ During the campaign we distributed 260 LED Energy efficient bulb to each residents of the village at KRSA welfare association . Through distribution of energy efficient bulb the expected Saving will be **92.256 units** /year approx
- ❖ Through the Energy conservation Awareness Club activity saved nearly 91,250 units /year which in Succession saved nearly **1,18,625 kg** of Co2 complying with SDG7 Goals
- ❖ Through the Energy Conservation Awareness club Activity saved 91,250 units/ year sequentially saved nearly **63875 m3** of water