

IGEN ENSAVCLUB TOOL KIT

2023-2024





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



A Unit of Energy Efficiency Research Group, under IGEN

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IGEN GREEN9

The Institution of Green Engineers (IGEN), connects green professionals worldwide, working towards SDG goals and providing solutions for a sustainable greener future through the 9colour nonagon VIBBGYOR society.



The Sustainable Development Goals (SDGs), also known as Global Goals, are a set of 17 integrated and interrelated goals to end poverty, protect the planet and ensure that humanity enjoys peace and prosperity by 2030.

A healthy discussion between a group of energy experts across the globe on energy consumption and natural resources came for a conclusion to form a research forum named **ENergy Efficiency Research Group (GREEN9)** 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).

The goals of IGEN GREEN9 are to optimize the energy triangle that would limit growth or even reduce energy consumption, thus helping to improve access to affordable, reliable, sustainable and modern energy for all and reduce greenhouse gas emissions and carbon footprint of the energy sector.

One of the energy conservation initiatives under #igengreen9 is IGEN ENSAVCLUB. The present projects under #igengreen9 are #igenenergy99challenge #igenensavclub

IGEN ENSAVCLUB

The IGEN ENSAVCLUB objects to the ongoing energy crisis by adopting energy- conservation and energy-efficiency programs. It aims to strengthen the public's understanding of household energy consumption, create awareness,implement #sdg action.



IGEN ENSAV (Energy Saving Awareness) 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, the Professional Students can bring to the initiative and taking due consideration of this urgent need, IGEN 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 forthcoming 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. Students undertake various activities and present their ideas to conserve energy, as we all know “energy can neither be created, nor be destroyed”.

The first Club was launched at Dr MGR Educational and Research Institute in the year 2016, with a motive to engage students, the future of our country, increasing awareness and taking their first steps in Energy Conservation. The journey continues and in progress of 28th club and marching towards 50th #igenensavclub across South Asia.

Watch the activities of the club @ FB group
<https://www.facebook.com/groups/igengreen9ensavclub>

#igenensavclub

Tool Kit 2023-24

This toolkit aims to provide a set of content and capacity development tools to enhance the activities of ENSAVCLUB at academic institutions. This tool kit includes: (i) IGEN Branded Events (ii) IGEN SDG Projects (iii) IGEN Organized ENSAVCLUB events (iv) College ENSAVCLUB Annual Activities and (v) ENSAVCLUB Outcome Evaluation Tool. The information on the five categories will help the IGEN ENSAV Staff Ambassador to organize the events and help to move the club to STAR category.



College ENSAVCLUB

Activities

IGEN B EVENTS



#THEIGEN will organize various events in align with 17 SDGs and 169 targets in total. The IGEN Branded Events are highlighted here with description . The College #igenensavclub are asked to participate in the events and achieve the points to be added in the outcome sheet.

IGEN ENERGATHON

SDG 7 & 13

#igenenergathon event organized , in aid of Energy Conservation Day every year inthe month of DEC, Year 2020 event received Asia Book of Records 2021

IGEN ENVIRONTHON

SDG 6- 16

#igenenvironthon event organized , in aid of World Environment Day every year in the month of JUNE, Year 2020 event received World Book of Records London 2021

IGEN SDG CONCLAVE

All SDGs

#igensdgconclave event organized , in research action on all SDG goals. Research conclave on each goals will be organised Bi Monthly with SDG speakers across the globe.

IGEN NLLS LSS

Priority SDG

#theigen Nobel Laureate Lecture series (NLLS) and Legendary Seminar Series (LSS) event organized with the availability of the speakers

WWW.THEIGEN.ORG





IGEN SDG PROJECTS

IGEN SDG Projects works to implement green action towards the Pancha Bhoota Stalam - earth, water, fire, air, and aether. The projects covers the SDG Goals 3,4,6,7,9,11,12,13 & 17 and the IGEN VIBBGYOR Goals - Waste Management, Next Gen Transport, Build Environment, Intelligent Agriculture, Energy Efficiency, Clean Air and Water, Smart Health and Wellness, Future Computing and Safety and Standards

7 AFFORDABLE AND CLEAN ENERGY



IGEN ENERGY99CHALLENGE

The Objective is to implement energy saving, #igengreen9mantras to 99 public in 99 days with outcome to save 36K Units per Year. Project received Connecting Dreams change maker fellowship, American journalist and writers' foundation change maker pioneer in SDG award. Global recognition through UN DESA with project ID #SDGAction48555



IGEN TALK4SDG

The goal of the pilot project of #igentalk4sdg is to raise public awareness about the United Nations Sustainable Development Goals and encourage them to pledge to take green action. Interested can participate as Individual or groups together can execute as separate project.

15 LIFE ON LAND



IGEN CYCLE4GREEN

The objective of #igen cycle4green project is to create awareness for SDG goals indexed with green action. Interested can participate as Individual or groups together can execute as separate project.

ENSAV EVENTS

#THEIGEN will organize Common events for the colleges connected with ENSAVCLUB. The College #igenensavclub are asked to participate in the events and achieve the points to be added in the outcome sheet.

IGEN ENSAVCON

SDG 7 9 13

#igenensavcon event organized, in association with all the academic institutions connected with ENSAVCLUB. The 2022 event concluded with 17 hours with participation of 17 clubs.

IGEN ENERGY AMBASSADOR

SDG 7

The program is a 99 days program which club members or general public are trained to conduct energy audit in the residential house and eligible to receive certification.

IGEN ENSAVCLUB ANNUAL MEET

All SDGs

The outcome of all the academic institutions ENSAVCLUB activities will be presented at the Annual Meet. This will help all club members to network with new friendship.

IGEN ENSAVER ICON AWARDS

Priority SDG

#theigen executive council will appreciate the contributors of energy conservation through the annual awards named ENSAVER Award.



College Club Events

SUGGESTED ON-CAMPUS ACTIVITIES

This will help the ENSAVCLUB, which is installed in the academic institutions to select the type of events to be organized in their college. The selection of events is to be under four category named 1) On-Campus Events 2) Off-Campus Events 3) Global Events and 4) Partner Events. Asked to select the respective events and plan the Annual calendar of your club

Event Name	Event Name	Event Name
Conserve Energy Painting / Poster Competition	Energy Efficiency Innovation Project Challenge	SDG 7 and Energy Seminars or Lectures
Energy Management Conclave / Conference	SDG and Energy action cultural competition	green9mantras Awareness' to staff members/Students
Energy Efficiency Innovation Project Challenge	Safety Audit Training Program	Short Film Challenge on Power Saving

College Club Events

SUGGESTED OFF-CAMPUS ACTIVITIES

This will help the ENSAVCLUB, which is installed in the academic institutions to select the type of events to be organized in their college. The selection of events is to be under four category named 1) On-Campus Events 2) Off-Campus Events 3) Global Events and 4) Partner Events. Asked to select the respective events and plan the Annual calendar of your club

Event Name	Event Name	Event Name
Energy Save Village Awareness' Camp	Cycle Rally to promote Energy Efficiency	SDG 7 and Energy Seminars or Lectures
Public Awareness' on Importance on Energy Conservation	EnConcerve School Rally - Rally at school	Runnathon - Run to Save Energy - 5km Run
Energy Audit Training for School Children	Human chain awareness on Energy Save	Short Film Challenge on Power Saving

College Club Events

SUGGESTED GLOBAL and PARTNER ACTIVITIES

This will help the ENSAVCLUB, which is installed in the academic institutions to select the type of events to be organized in their college. The selection of events is to be under four category named 1) On-Campus Events 2) Off-Campus Events 3) Global Events and 4) Partner Events. Asked to select the respective events and plan the Annual calendar of your club

Event Name	Event Name	Event Name
Global Event With EARTHDAY - Registered event	Global Event with SDG 7 Compact Compass	Global SDG 7 event with ACT4SDGS organization
Global Event with WEC Energy Transition Toolkit	Global Event with World Green Council	Partner Event with Dept assoc activities
Partner event with fellow ENSAV Clubs	Partner event with Professional Societies	Partner Event with Local Communities

MEASURING PROGRESS

IGEN ENSAVCLUB SCORING MECHANISM

TYPE	PERCENT	GUIDELINES
OFF- Campus Events	30	Min 3 Events
ON-Campus Activities	20	Min 2 Events
Global-Partner Events	05	Min 1 Event
IGEN ENSAV Events	10	Min 2 Event

TYPE	PERCENT	GUIDELINES
IGEN SDG Projects	20	Min 10 Winner
IGEN Events	10	Min 100
Energy Conservation Day	05	DEC
CLUB Innovative Event	05	One event

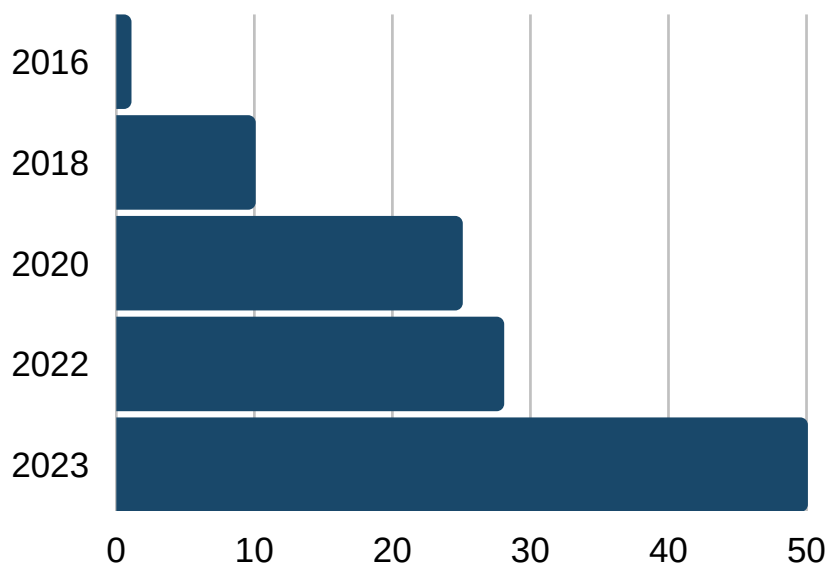
STAR ENSAVCLUB

SCORING MECHANISM

SCORE RANGE	STAR
$10 < \text{Score} \leq 20$	ONE
$20 < \text{Score} \leq 40$	TWO
$40 < \text{Score} \leq 60$	THREE
$60 < \text{Score} \leq 80$	FOUR
$80 < \text{Score} \leq 100$	FIVE

Performance goals are a good way to monitor and measure progress. Reporting performance can include details such as indicators identified, data collected and SDG-related activities accomplished. Clear and concrete performance goals make it easier to generate relevant, consistent and comparable data over time, in formats that your audience can understand and appreciate.

ENSAVCLUB Infographic



100

TARGET 100 CLUBS

10K

Members will be affiliated to IGEN ENSAVCLUB

IGEN ENSAVCLUB connected with strong student committee who committed to work or GREEN EARTH. The club will promote SDG7 and integrated UN SDG goals and pledge the students team to act for SDG related projects

Staff Volunteers - exists 123 staff volunteers in 30 clubs

Student Volunteers - exists 2500 student volunteers in 30 clubs

Activities - call club activities will be aligned towards IGEN ENSAVCLUB Tool Kit 2023

Report Card - all the clubs will be evaluated through scoring STAR mechanism

Promotion- all the top club volunteers will be elevated to UN SDG team

100%

To achieve GREEN EARTH, all IGEN ENSAVCLUB members work towards IGEN VIBBGYOR goals.

IGEN ENSAVCLUB Annual Meet

Every year, IGEN ENSAVCLUB will host its Annual Meet, during which the clubs will compete for STARS based on the success of their organised activities and projects. Below are the three annual meet acts.



Release of STAR Rating

All the IGEN ENSAVCLUBs will be evaluated in Q1 -Q2-Q3 and Q4

Allotted STAR ratings with reference to scoring mechanisms



IGEN ENSAVER AWARDS

This Awards will be presented to the members of IGEN ENSAVCLUB

Nine categories of awards will be presented to the top contributors of club



SDG7 Project Funding

Order letters for five small industry projects totaling INR 5,000 each will be presented

According to the nomination and presentation to the judges, the proposal will be chosen

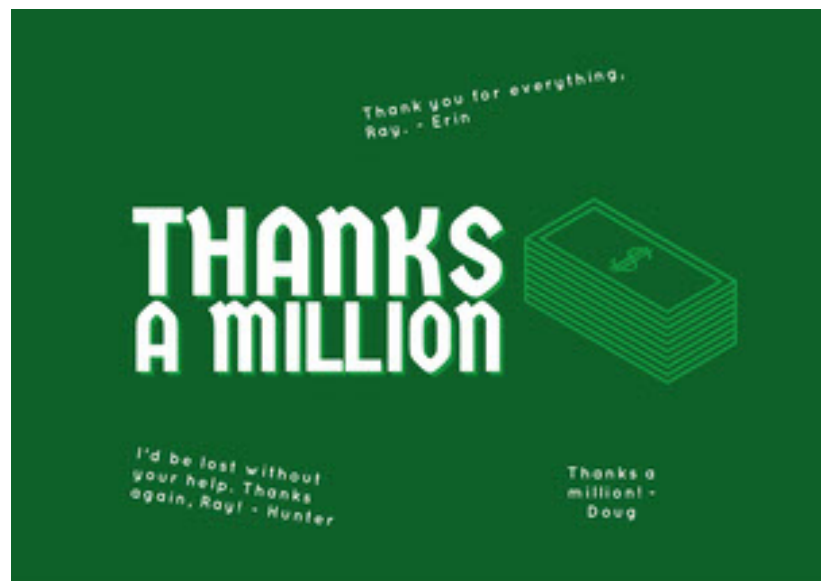
All of the winners will be given free admission to the IGEN ENSAVCLUB Annual Meet, and all other members may attend with a registration fee to cover the cost of food and refreshments. Non-members are welcome to participate with a registration fee of 1000 INR.

Acknowledgements

The IGEN GREEN9 ENSAVCLUB would like to thank all the Management who provided opportunity to start ENSAVCLUB at the colleges. We extend thanking wishes to all the faculty and student members of ENSAVCLUB, who involved in the action of activities resulted to green outcome.

- The staff members of club
-
- The student members of club
-
- Industry mentor who provided the suggestions
-
- IGEN Volunteers and organisers
-
- Partners of schools and Villages

We thank you for your continued support in our efforts to contribute to the SDGs.



Contact

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WE4GREEN

