



SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

(An Autonomous Institution)
Kalavakkam – 603 110

ENGAGEMENT

4. SUSTAINABILITY CULTURE ASSESSMENT

4.1 Sustainability culture assessment design and administration

Submitted to

**The Sustainability Tracking, Assessment & Rating
System (STARS)**

4.1 Sustainability culture assessment design and administration

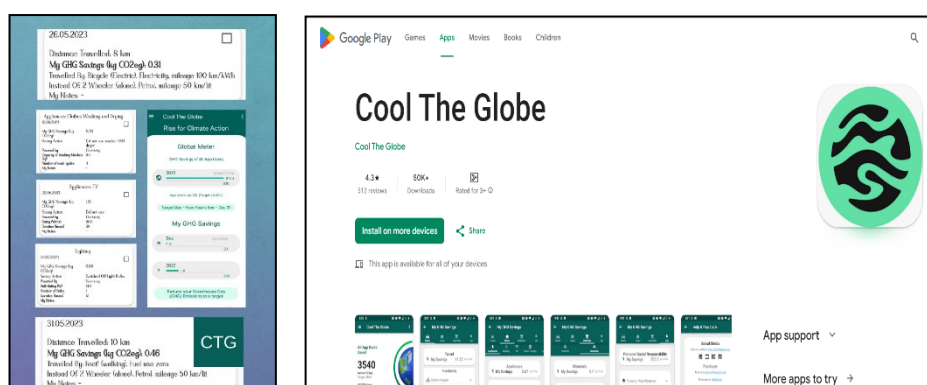
Narrative and/or website URL providing an overview of of the instruments/tools used to assess sustainability culture

Institution has assessed its sustainability culture during the previous three years

The assessment is designed and administered in such a way that the results can be used to measure change over time (e.g., as a longitudinal or annual/biennial assessment). –yearly once for 30 days continuous assessment

We the NSS Unit of SSN conducted an online event “COOL THE GLOBE”, which started on the 24th of May and ended on the 24th of June for a period of 32 days. 220 participants across all departments participated in it. It is a long-term process of recording the carbon usage by each individual.

- Participants have saved carbon emissions by using two-wheelers or cycles or by walk instead of four-wheelers, switching off air conditioners, water heaters, fans and lights and avoiding the use of single-use plastics, using public transport instead of private transport, to reduce the litters, to minimize the consumption of fossil fuels, saving electricity when it is not required etc.
- We utilized the app "Cool the Globe," available on the Play Store, to track and minimize the carbon emissions of students. This app has been helpful in assessing the various sources of carbon emissions generated by individuals, helping users become more conscious of their environmental impact. The app encouraged students to adopt more sustainable habits by providing real-time data and actionable insights, significantly raising awareness about the importance of reducing carbon footprints. The ability to track and visualize personal emissions motivated students to make more eco-friendly choices in their daily lives, contributing to a broader culture of environmental responsibility. Overall, "Cool the Globe" has been an effective tool in fostering environmental awareness and promoting sustainable living among students.





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4.2 Percentage of students assessed for sustainability culture

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4.2 Percentage of students assessed for sustainability culture

A 30-day lifestyle assessment survey among students highlighted their engagement with sustainability practices, revealing insights into their habits and awareness levels. The survey data reflects the institution's commitment to fostering a culture of sustainability and promoting eco-conscious behavior among students.

<https://drive.google.com/drive/folders/1DfjHDjx7KRsyNPHDd6WFa-OfpBcdQcV6kHuPeBs2Uugj8SpCm5NY56UAWR-EtXOcoHyG4FfJ>

https://docs.google.com/spreadsheets/d/1hOx8mjMifsc4feyJUj1B1AxLp0bHgS4E6w-_JaKI_II/edit?gid=874141328#gid=874141328

- **Description of the process used to measure or estimate the percentage of students assessed for sustainability culture- google form to be shared with responses**

The "**Cool the Globe**" app is an innovative tool designed to help individuals and communities track and reduce their carbon footprint, contributing to global sustainability efforts. When used to assess the sustainability culture of students, this app provides a hands-on approach to environmental responsibility, allowing students to actively engage in monitoring their daily activities and understanding their environmental impact.

Student Sustainability Culture was Assessed on following factors:

1. Carbon Footprint Tracking: Students to log their daily activities such as transportation, energy use, and waste management in the app. This tracking helps them understand how their lifestyle choices contribute to carbon emissions.
2. Goal Setting and Challenges: Students set personal goals for reducing their carbon footprint and participate in challenges with their peers. This feature encouraged students to adopt more sustainable habits.
3. Educational Resources: The students also educated on the importance of sustainability and the impact of their actions. This helps to cultivate a deeper understanding and commitment to sustainable living.
4. Data Analysis: By aggregating data from student users, the app can provide insights into the overall sustainability culture within the student community. This data can be used to assess the effectiveness of sustainability initiatives and identify areas for improvement.
5. Impact Measurement: Individual actions was tracked and the collective impact of a representative group of the was calculated.

By using the "Cool the Globe" app, Our institutions can created the culture of sustainability among students, encouraging them to take responsibility for

their environmental impact and inspiring them to become advocates for a sustainable future.