

# **Government College of Engineering, Salem- 11**

*(An Autonomous Institution affiliated to Anna University, Chennai)*



## ***SELF-STUDY REPORT***



### **CRITERION 7**

**7.1.6 Quality audits on environment and energy are regularly undertaken by the institution**

*(Submitted to National Assessment and Accreditation Council)*

## **Self Declaration**

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.



**IQAC – Chairperson**

**Internal Quality Assurance Cell  
Govt. College of Engineering  
Salem - 636 011.**

**7.1.6. Quality audits on environment and energy are regularly undertaken by the institution.**

**7.1.6.1 The institutional environment and energy initiative are confirmed through the following.**

| <b>S.No</b> | <b>Name of the program</b>   | <b>Date</b> | <b>Place</b>  | <b>Page Number</b> |
|-------------|--|-------------|---|--------------------|
| 1           | Awareness on Impacts of Plastics on Earth                                | 20.02.2019  | GCE & Karuppur                                      | 3-4                |
| 2           | Yercaud service camp: Save trees and save the planet.                    | 22.07.2019  | Yercaud, Salem                                      | 5                  |
| 3           | Green Patriotism: Tree plantation by NCC on Independence Day             | 15.08.2019  | Saminayakanpatti, Salem                             | 6-7                |
| 4           | One Student and One Tree: Initiative Cultivating Environmental Awareness | 15.08.2019  | GCE, Salem and Anaigoundanpatti, Salem              | 8-9                |
| 5           | One Day Awareness programme on single use plastics                       | 17.10.2019  | SIDCO Industrial Park, Karuppur Salem               | 10                 |
| 6           | One Day Awareness programme on solid waste management                    | 24.10.2019  | SIDCO Industrial Park, Karuppur Salem               | 11                 |
| 7           | Tree plantation programme  | 8.11.2019   | Kullamanickenpatti village, Salem                   | 12                 |
| 8           | Go Green on Republic Day by NCC  | 26.01.2020  | Sangitapatti, Salem                                 | 13                 |
| 9           | Clean India Campaign   | 29.11.2021  | GCE, Salem and SIDCO Development Corporation, Salem | 14                 |
| 10          | we plant trees to shade ourselves  | 9.04.2022   | GCE, Salem and Vellakalpatti village                | 15                 |
| 11          | Save Soil Awareness Program  | 22.04.2022  | New bus stand, Salem                                | 16 – 17            |
| 12          | Puneet Sagar Abhiyan   | 12.08.2022  | Varatteri Riverbed, Salem Central Jail Back Side    | 18                 |
| 13          | Social awareness on cleanliness  | 12.10.2022  | Saminaikenpatti, Salem                              | 19                 |

|    |  |            |                          |    |
|----|--|------------|--------------------------|----|
| 14 | Awareness of using cloth bags in place of plastic bags | 20.10.2022 | Anai Goundampatty, Salem | 20 |
| 15 | Plant Awareness program                                | 04.11.2022 | Karuppur, Salem          | 21 |
| 16 | Awareness in village about global warming              | 17.11.2022 | Sangipatti, Salem        | 22 |

  
**PRINCIPAL**  
 GOVT. COLLEGE OF ENGG.,  
 SALEM-636 011



**GOVERNMENT COLLEGE OF ENGINEERING, SALEM- 636 011**

(An Autonomous Institution, Affiliated to Anna University, Chennai)

(Approved by AICTE, Accredited by NAAC)

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**Dr.R.Vijayan, M.E., Ph.D.,**  
**Principal**

**Date: 05.03.2024**

**Declaration**

It is brought to your kind notice that we were unaware of the necessity to take geotagged photos for the events and activities conducted during the period from (2018-2019 to 2021-2022). Hence, we have captioned each photo with the date and place where it was taken, ensuring transparency and clarity in documenting our activities.

*[Handwritten Signature]*  
5/3/24

**Principal**

**PRINCIPAL**  
**GOVT. COLLEGE OF ENGG.,**  
**SALEM-636 011**

## **1. Awareness on Impacts of Plastics on Earth**

**Date** : 20<sup>th</sup> February 2019

**Place** : GCE, Salem and Karuppur, Salem



**Figure 1.1 – College bus leaving from campus for rally**

The Awareness on Impacts of Plastics on Earth program was conducted by GCE, Salem at Karuppur Salem on 20-02-2019 through Environmental Club.

By promoting the segregation of recyclable and non-recyclable plastics, the GCE Salem has taken an initiative to inculcate a sense of social responsibilities for a cleaner and healthier environment to a nearby village.

The number of students participating in this awareness program is 200.



**Figure 1.2 -Student Rally for greener tomorrow**

## **2. Yercaud service camp: Save trees and save the planet**

**Date** : 22<sup>nd</sup> July 2019

**Place** : Yercaud, Salem



**Figure 2.1: Searching plastic bags.**

The Leo club organizes a service camp to Yercaud on July 22, 2019, with the aim of contributing to community development and fostering a sense of social responsibility among its members. The event brought together 30 enthusiastic students, eager to make a positive impact through their collective efforts. The service camp comprised a series of activities designed to address various community needs and promote sustainable development.

The number of students participated in the event: 30.

### 3. Green Patriotism: Tree plantation by NCC on Independence Day

**Date** : 15<sup>th</sup> August 2019

**Place** : Saminayakanpatti, Salem



**Figure 3.1: Tree Plantation at Saminayakanpatti**

The tree plantation was a symbolic gesture, signifying the responsibility of citizens towards the environment and the nation's future. It echoed the message of nurturing growth and sustainability, paralleling the ideals of a progressive and prosperous India. The Independence Day celebration organized by the NCC Airwing of Government College of Engineering Salem - 11 was not only a commemoration of the nation's freedom but also a reflection of the dedication and unity among the youth towards nation-building.

The amalgamation of patriotic fervor, disciplined performances by the NCC cadets, and the poignant tree plantation event encapsulated the essence of the occasion, fostering a sense of pride, responsibility, and commitment among the attendees towards the nation's growth and environmental stewardship.

Venue: Saminayakanpatti

Number of Trees planted: 20.

Neem tree, banyan tree, Teek Plants

#### **4. One Student and One Tree: Initiative Cultivating Environmental Awareness**

**Date** : 15<sup>th</sup> August 2019

**Place** : GCE, Salem and Anaigoundanpatti, Salem



**Figure 4.1 – watering a tree on GCE, Salem**



**Figure 4.2 – SIDCO Industrial Park, Karuppur Salem**

The initiative kicked off with an inaugural ceremony attended by 100 students. The ceremony included speeches highlighting the importance of tree planting in mitigating climate change, enhancing biodiversity, and creating a healthier environment. Following the inauguration, students actively participated in tree planting activities on the school campus and surrounding areas. Each student was provided with a sapling, symbolizing their commitment to environmental conservation.

The "One Student and One Tree" initiative had a profound impact on the participating students and the community. The program not only increased awareness about the importance of trees but also instilled a sense of environmental stewardship among the students.

Venue: SIDCO Industrial Park, Karuppur Salem

Number of students participated: 100.

## **5. One Day Awareness programme on single use plastics**

**Date** : 17<sup>th</sup> October 2019

**Place** : SIDCO Industrial Park, Karuppur Salem



**Figure 5.1 – SIDCO Industrial Park, Karuppur Salem**

The one-day awareness programme on single use plastics was conducted by GCE, Salem at SIDCO Industrial Park, Karuppur Salem on 17-10-2019 through Environmental Club.

Students were educated on plastic recycling, that is reprocessing of plastic waste into new and useful products. When performed correctly, this can reduce dependence on landfill, conserve resources and protect the environment from plastic pollution and greenhouse gas emissions.

The number of students participating in this awareness program 200.

## **6. One Day Awareness programme on solid waste management**

**Date** : 24<sup>th</sup> October 2019

**Place** : SIDCO Industrial Park, Karuppur Salem



**Figure 6.1 – Clearing plastic waste, Anaigoundanpatti.**

The primary objective of this initiative was to address the issue of solid waste accumulation in and around the college campus. Through active participation and engagement of students, we aimed to:

Clean up the campus and its surroundings.

Segregate waste into recyclable and non-recyclable categories.

Raise awareness among students regarding the importance of proper waste disposal and recycling.

**Cleanup Drive:** The cleanup drive began with volunteers divided into teams, each assigned to specific areas within the campus and its vicinity. Participants were instructed to collect and segregate waste into categories such as biodegradable, non-biodegradable, recyclable, and hazardous waste.

**Venue:** Anaigoundanpatti

**The number of students participated:** 200.

## **7. Tree plantation programme**

**Date** : 08<sup>th</sup> November 2019

**Place** : Kullamanickenpatti village, Salem



**Figure 7.1 – Tree plantation at Elementary School, Kullamanickenpatti Village**

The students, along with the teachers, agreed to plant trees in the campus of the school. Various types of tree saplings, like peepal, cinnamon, neem, and eucalyptus, were planted in the school premises. The geography teachers were asked to explain to the students the importance of different trees that were planted.

Venue: Kullamanickenpatti Village, Salem

The number of students participated: 100.

## 8. Go Green on Republic Day by NCC

**Date** : 26<sup>th</sup> January 2020

**Place** : Sangitapatti, Salem



**Figure 8.1: Tree Plantation at Sangitapatti**

The Go Green Initiative works toward fostering sustainable schools and clean environments that children need today to have a healthy planet for tomorrow. We partner with school officials, staff, and students to improve the quality of air, water, food, and facilities while conserving natural resources.

Venue: Sangipatti, Salem

The number of students participated: 42.

## 9. Clean India Campaign

**Date** :29<sup>th</sup> November 2021

**Place** : GCE, Salem and SIDCO Development Corporation, Salem



**Figure 9.1: Cleaning of plastic waste at SIDCO, Karuppur**

Clean India Mission is a country-wide campaign initiated by the Government of India on 2 October 2014 to eliminate open defecation and improve solid waste management and to create Open Defecation Free (ODF) villages. NCC students cleaned the plastic wastes on riverbed.

Venue: SIDCO, Karppur

The number of students participated: 29.

## **10. we plant trees to shade ourselves**

**Date** : 09<sup>th</sup> April 2022

**Place** : GCE, Salem and Vellakalpatti village



**Figure 10.1: Tree Plantation at vellakalpatti village**

The primary objective of the Tree Plantation Drive was to contribute to environmental conservation and promote the importance of afforestation. The initiative aimed to enhance the green cover in the target areas while involving and educating the local community.

A planning committee was formed with NSS volunteers to strategize the tree plantation drive, considering factors such as suitable plant species, planting locations, and community engagement.

Coordination with local authorities and residents was established to ensure a smooth execution.

Native and eco-friendly plant species were selected based on the local climate and soil conditions.

Expert guidance was sought to ensure the sustainability and adaptability of the chosen plants.

Venue: Vellakkalpatti, Salem

The number of students participated: 100.

## 11. Save Soil Awareness Program

**Date** :22<sup>nd</sup> April 2022  
**Place** : New Bus stand, Salem.



**Figure 11.1: Save soil awareness campaign.**

In the year 2021, an impactful initiative called "Save Soil" reverberated through Salem's New Bus Stand, driven by a coalition of 20 committed flight cadets, orchestrated by the 5 TN AIR SQD (TECH) NCC, Save Soil.org, and the 12 TN BN NCC - Salem (Army Wing). This collective effort aimed to raise awareness about the critical importance of soil conservation and sustainable practices. The venue, chosen strategically for its accessibility and visibility, served as the canvas for various educational activities and demonstrations. The initiative encompassed informative sessions, interactive workshops, and engaging displays highlighting the significance of soil conservation in maintaining ecological balance. The flight cadets, with their dedication and enthusiasm, played a pivotal role in executing the campaign. They actively engaged with the public, disseminating information about soil degradation, its impact on agriculture and biodiversity, and the urgent need for preservation. Practical demonstrations on composting, soil testing, and techniques for minimizing soil erosion were showcased, educating attendees on actionable steps for soil conservation in their daily lives.

Venue: New bus stand, Salem

The number of students participated: 20.



**Figure 8.1: Rally for Save Soil Rally Awareness**

## 12. Puneet Sagar Abhiyan

**Date** : 12<sup>th</sup> August 2022

**Place** : Varatteri Riverbed, Salem Central Jail Back Side



**Figure12.1: River cleaning at Varatteri Riverbed**

The NCC unit of Government College of Engineering Salem conducted river cleaning activity at varatteri riverbed on 12th Aug 2022. There were total of 20 volunteers who went for cleaning. The objective of this cleaning is to raise awareness about marine pollution & reduction of garbage and plastic in the river. The volunteers collected plastics and all garbage from the beach & handed it over to Salem Corporation.

the awareness program benefitted both the institution and students by promoting environmental sustainability, fostering a culture of responsibility, and providing valuable learning and skill-building opportunities.

The number of students participating: 20.

### 13.Social awareness on cleanliness

**Date** : 12<sup>th</sup> October 2022

**Place** : Saminaickenpatti village, Salem



**Figure13.1: Cleaning the school campus.**

To keep the environment clean, do not engage in littering on the streets or urinating in public, rather use a public toilet for sanitation. Cleanliness will help you in taking good care of your own health while also keeping the environment clean. When the environment is clean, we lead a healthy and active lifestyle. GCE, Salem students cleaned the schools by removing plastic waste.

Venue: Saminaickenpatti, Salem

The number of students participated: 59.

## 14.Awareness of using cloth bags in place of plastic bags

**Date** : 20<sup>th</sup> October 2022

**Place** : Anai Goundampatty, Salem



**Figure 14.1: Distributing cloth bags.**

The primary objective of the campaign was to raise awareness about the importance of waste management and environmental conservation. The initiative focused on distributing yellow sack bags to the residents of Karppur and Anaigoundampatti as a sustainable solution for waste disposal.

Coordination meetings were held with NSS volunteers to outline the campaign objectives and strategies.

A survey was conducted to assess the waste management practices in the target areas.

Venue: Anaigoundanpatti, Salem

The number of students participated: 50.

## 15.Plant awareness program:

**Date** : 4<sup>th</sup> Nov 2022

**Place** : Anai Goundampatty, Salem



**Figure15.1: Cleaning the school campus.**

They provide us with a variety of things to fulfil our daily requirements, including food to eat, air to breathe, clothes to cover our body, wood, medicine, shelter, and many products for human benefit. Plants are the primary producers, and all other living organisms on this planet depend on plants. GCE, Salem students were identified and removed the unwanted plants and created awareness.

Venue: Anaigoundanpatti

The number of students participated: 42.

## 16. Awareness in village about global warming:



**Figure16.1: Global warming awareness campaign**

Global warming is a gradual increase in the earth's temperature generally due to the greenhouse effect caused by increased levels of carbon dioxide, CFCs, and other pollutants. GCE, Salem students were created awareness about global warming through rally in nearby village.

Venue: Anaigoundanpatti, Salem

The number of students participated: 50.