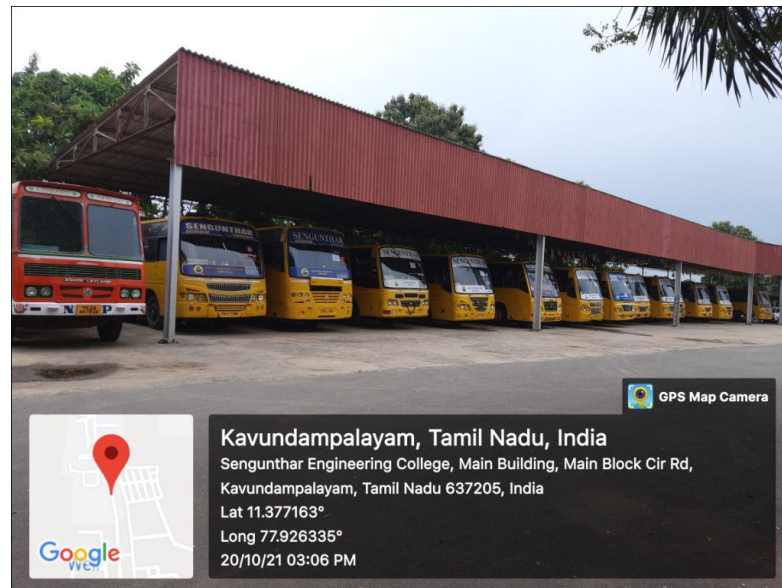


## 7.1.5 - Green campus initiatives include

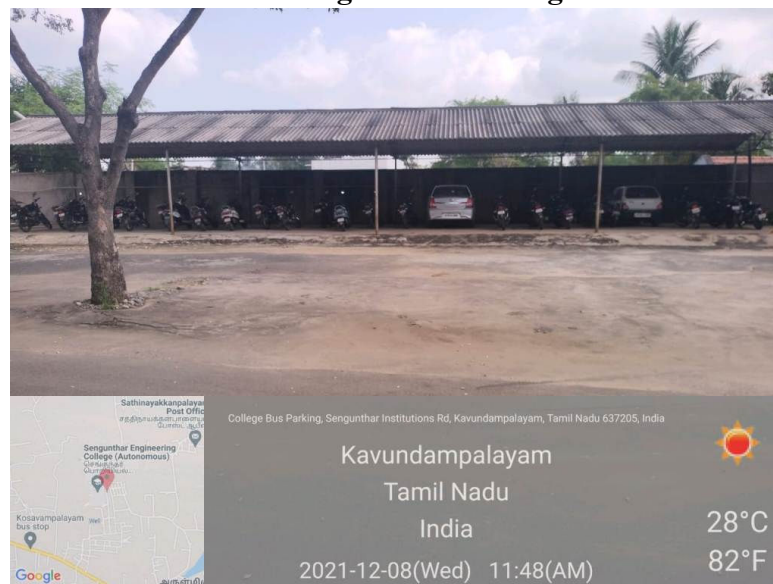
### 7.1.5.1 - The institutional initiatives for greening the campus are as follows:

#### 1. Restricted entry of automobiles

The college operates buses to facilitate the students and staff. The institute encourages the staff and students to use the college transport instead of their own vehicles for safety, security, fuel conservation and to reduce environmental pollution. The college buses are checked for pollution by the authorized agency. Separate parking facility for buses, four wheelers and two wheelers is available near the main gate.



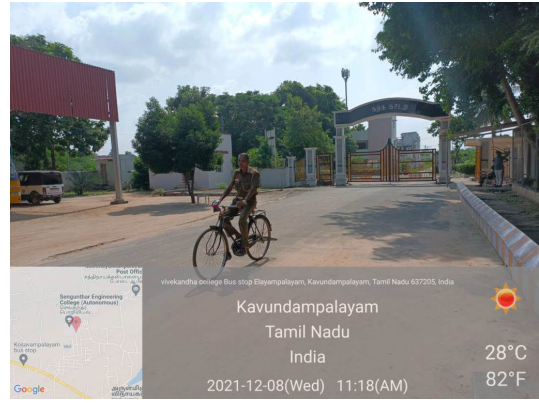
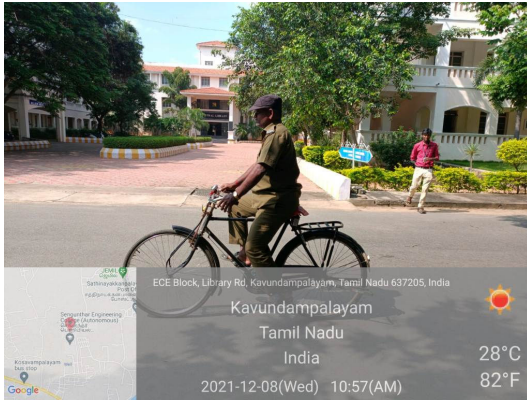
**Vehicle Parking Shed for college buses**



**Vehicle Parking Shed for Two Wheelers and Four Wheelers**

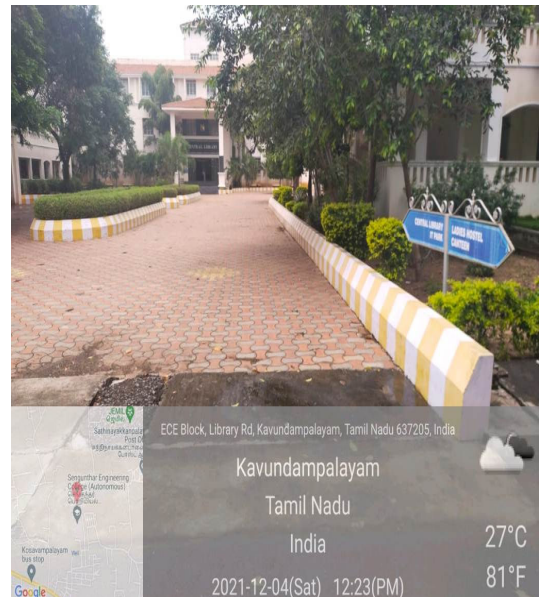
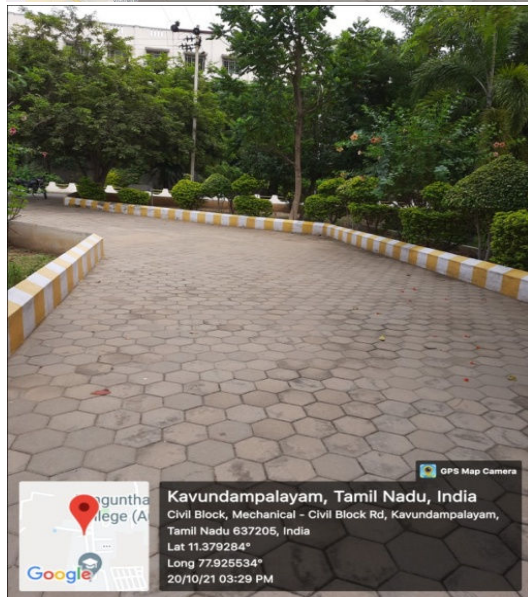
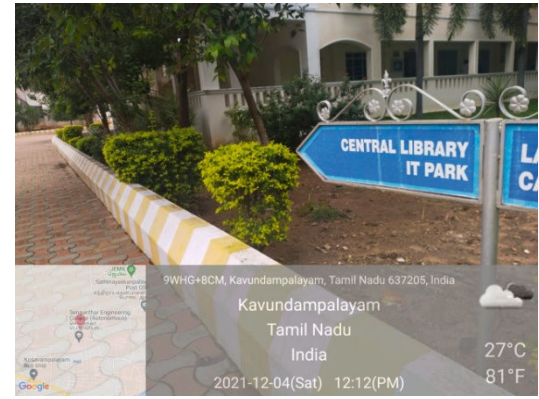
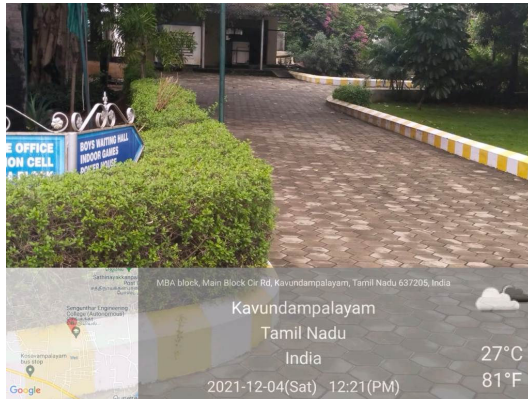
#### 2. Use of bicycles

Only bicycles are used by the Security Gaurds to monitor the campus.



### 3. Pedestrian-friendly pathways

Vehicle parking space is provided at the main entrance of the college campus. As the campus is vehicle free with some exceptions, students and staff experience comfort walking through the pedestrian friendly pathways. The internal roads are lined with trees and LED lights and they are properly maintained.



Photos of Pedestrian-friendly pathways

### 4. Ban on use of plastic

Single-use plastic items such as plastic bottles, bags, spoons, straws and cups are banned completely and awareness is created among staff and students through orientation and display boards in the premises. Biodegradable paper cups and plates used in the canteen and college premises.



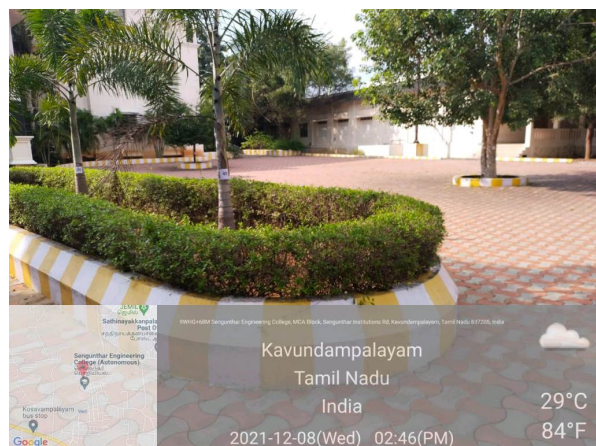
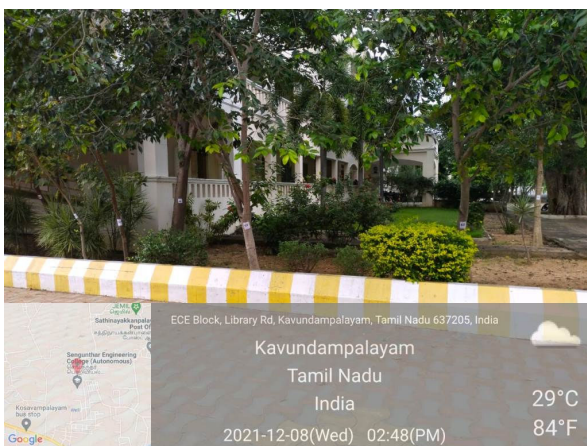
**Paper cups and paper plates used in the Canteen**

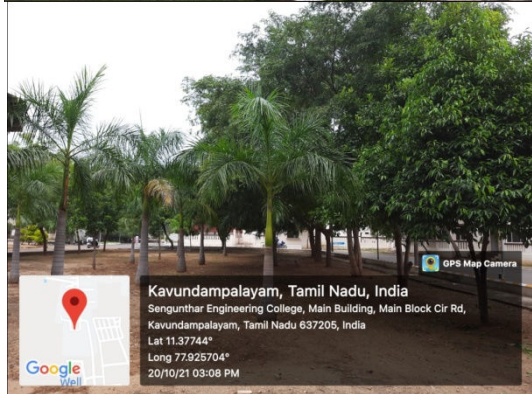
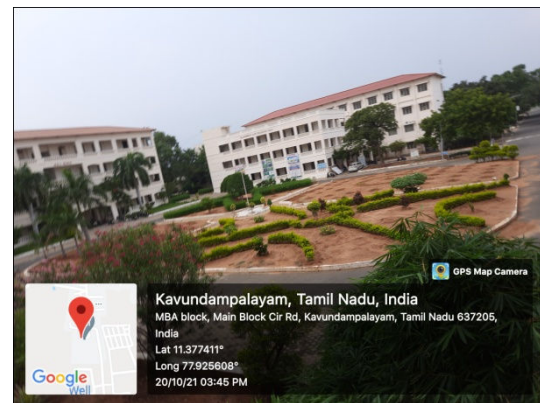
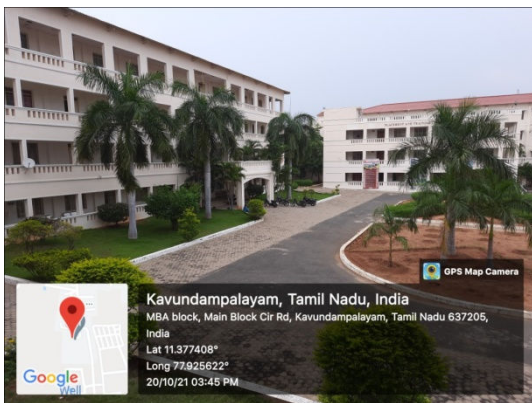
## 5. Landscaping

Landscaping of the college is worth seeing and reflects aesthetic sense. The institute has a canopy of trees and plants to make the environment pollution free to safeguard the health of all the inmates. The lawns and the trees provide shade and beautiful ambience. Utmost care is taken to develop and maintain green landscaping by trained gardeners and supervisor.

205 matured trees, 70 shrubs and more than 10 flowering shrubs are grown in the campus. Every year 10% of plant populations have been increased by planting trees.

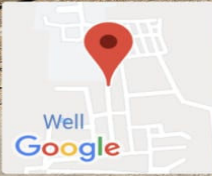
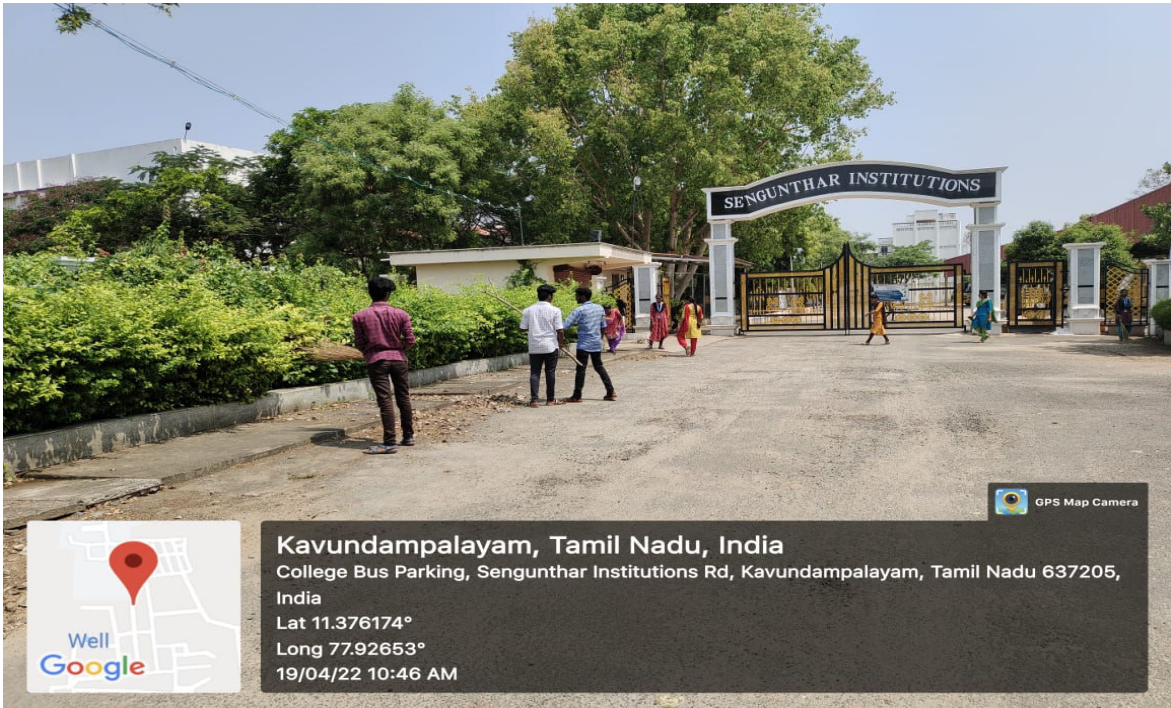
### Photos of Green Landscaping and Tree Plantation



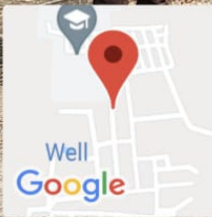


## **Campus Clean Camp 2022**

The NSS unit of our college conducted a campus cleaning camp on 19th April 2022 under the guidance of NSS Programme officers at Sengunthar Engineering College (Autonomous), Tiruchegode. Totally 70 NSS Volunteers were engaged in this Programme. The NSS Programme officers divided the NSS Volunteers into several groups. Each group was allocated with a particular area for cleaning.



**Kavundampalayam, Tamil Nadu, India**  
College Bus Parking, Sengunthar Institutions Rd, Kavundampalayam, Tamil Nadu 637205, India  
Lat 11.376174°  
Long 77.92653°  
19/04/22 10:46 AM



**Kavundampalayam, Tamil Nadu, India**  
College Bus Parking, Sengunthar Institutions Rd, Kavundampalayam, Tamil Nadu 637205, India  
Lat 11.376157°  
Long 77.926525°  
19/04/22 10:46 AM





# SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956  
NAAC Accredited with 'A' Grade

**TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU**



## Green Campus Policy



## **GREEN CAMPUS POLICY**

Sengunthar Engineering College (Autonomous) should demonstrate higher sensitivity and responsibility in implementing green concepts in the campus. The campus sustainability initiatives is established with the aim of promoting green practices in and beyond the institution and develop best practices strategies in environmental management. Although establishment and maintenance of green campus is important, spreading awareness on the green practices among students and educating stake holders is our priority.

The policy starts with information and ends with a plan of action. In turn, SEC will fairly managewater resources, waste management, conserve natural resources, and provide eco- friendly and recommend minimal paper use. College will implement following practices towards establishment and maintenance of green campus and adopt the awareness and green initiatives beyond the campus too. This will result in safe environment that is a better place to live, learn and play.

### **Clean Air Initiatives**

- We encourage our students and staff to use public transportation.
- The entry of automobiles inside the campus is restricted to discourage the use of private vehicles.
- Smoking Free Campus - the college prohibits smoking and the use of other tobacco products.
- Promoting the use of Bicycles and provision of Pedestrian Friendly pathways.
- The college administration strictly bans the use of single use plastics in its premise to make it a 'Plastic Free Campus'.
- Enhancement of green cover by landscaping with trees and plants.

### **Water Management**

- Always practice and implement rain water recycling and harvest rain water to resolve and managewater scarcity problems in future
- Protect environment towards climatic changes and conservation of sources for drinking water.
- Regularly inspect taps for draining and repair immediately to avoid loss of potable water.
- Promote effective water management practices like sprinkling irrigation to garden and rain waterharvesting.

### **Waste Management**

- Spread the awareness amongst society about the waste management for ecosystem and methods forits disposal.
- Promoting 3R principle (reduce, reuse, recycle) among the students and staff for minimizing waste generation.



## **Renewable Energy**

- Improve awareness about renewable energy.
- Promote adaptation of solar power equipments/converters.
- Adopt and promote power saving electrical equipments.
- Beware on the role of scientific electrification and the use of bulbs and equipments in saving of power.

## **Paperless Office**

- Advocate the benefits of paperless work in reducing the waste production and green practices.
- Digital Library.

## **Save Energy TIPS:**

1. Activate power management features on your computer and monitor so that it will go into a low power “sleep” mode when you are not working on it.
2. Turn off your monitor when you leave your table.
3. Activate power management features on your laser printer.
4. Whenever possible, shut down rather than logging off.
5. Turn off unnecessary lights and use daylight instead.
6. Avoid the use of decorative lighting.
7. Use LED bulbs.
8. Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
9. Use the fans only when they are needed.

SEC has to work out the time bound strategies to implement **green campus initiatives** for healthy ecosystems.

\*\*\*\*

# GREEN AUDIT CERTIFICATE

This is to certify that, we have conducted a *FOLLOW-UP GREEN AUDIT* in

**M/s. SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)**

Tiruchengode, Namakkal – 637 205, Tamil Nadu, India.

## AUDIT SUMMARY

1. Pollution certificates for all transport vehicles
2. Assessment of Mature trees, bushes & shrubs
3. Inspection of green coverage and natural water bodies
4. Inspection on Rain Water Harvesting (RWH) both from buildings and road run-off
5. Proposal for Rooftop Solar PV plant with grid interactive model
6. Study on effective Solid Waste Management (SWM) system
7. Effective way for Collection, Segregation, Storage & Disposal of E-Wastes
8. Improvements for Indoor and Ambient Air Quality
9. Maintaining excellent Bio-diversity & Ecology

(Audited on 09 June 2022 & Accounted from June -2021 to May-2022)

Audit conducted and verified by

(Dr. S.R. SIVARASU)

**Dr. S.R. SIVARASU, Ph.D.,**  
**BEE Certified Energy Auditor (EA-27299)**  
**Lead Auditor - ISO 14001: EMS**  
**IGBC - AP, GRIHA - CP**  
**Mobile: 80567 19372, 99420 29372**  
**E-Mail: ramkalamcect@gmail.com**

**RAM KALAM CENTRE FOR ENERGY CONSULTANCY & TRAINING**

**No.8, VPK Garden, Mylampatti, Coimbatore – 641 062**

**GSTIN: 33AAZFR8890A1ZN**