



# **PRATHYUSHA ENGINEERING COLLEGE**

## **CRITERIA-7**

### **7.1 Institutional Values and Social Responsibilities**

- 7.1.6 Quality audits on environment and energy regularly undertaken by the Institution.**

**Green Audit**

## 7.1 Institutional Values and Social Responsibilities

### 7.1.6 Green audit

# GREEN AUDIT



### Members of Internal Green Audit Committee

1. Ms. R. Surekha – HOD / S&H
2. Ms. K. Uma – AP / Chemistry
3. Mr. Pirakathiswaran – AP / Chemistry
4. Ms.P.Uma – AP / Chemistry
5. Ms. V.Kavimani - AP / Chemistry
6. Mr. Madhu – Management Coordinator

## Introduction

“Green audit” is a concept or principle introduced to make the educational institute environmentally sustainable. The purpose of the green audit is to ensure that the Green Policy is followed and implemented in the campus. PEC has implemented green-friendly practices to manage the available resources and has taken steps in environmental conservation and protection. As a part of such practice, internal environmental audit (Green Audit) is conducted to evaluate the actual scenario on the campus. A survey on trees and other greeneries within the campus was done by the committee.

Prathyusha Engineering College was founded in 2001 by Shri P. Raja Rao, and is located in Tamil Nadu, India. It offers engineering courses at undergraduate and postgraduate levels. The college is affiliated with Anna University. A well-planned and aesthetically-designed 45-acre eco-friendly campus with over 5,00,000 Sq. ft. of built-in area. PEC has state-of-the-art infrastructure, creating an environment for progressive learning and development. 40 percent of campus is covered by herbs, shrubs and trees. There are more than 700 plant species and 800 trees were audited. Management is focusing on maintaining a green campus and improving it by appointing gardeners in the campus.

PEC NSS volunteers are actively involved in various pollution awareness programmes in and around the college and help in maintaining a green campus. It encourages college students to care about the treatment of trees and shrubs as well as environmental issues within their campus community. Different plantation programs are happening in college to create environment consciousness amongst students. This makes us to prove that planting trees and shrubs can improve the aesthetics of the landscape. This activity had created some awareness amongst PEC fraternity to maintain eco-friendly atmosphere on the campus.

### Estimated percentage of total green area:

Lawn	:	3182 Sq.Mtrs
Tree Cover	:	9000 Sq. mtrs
Shrubs and Hedges	:	2505 Sq.mtrs
Potted Plants	:	1500 Sq.mtrs

**Bicycles :**PEC students and staffs who are staying in nearby college are using bicycle for transportation for reducing both pollution and fuel usage.

**Pedestrian Friendly Roads:** Pedestrian Friendly roads in PEC is enabling pedestrians and cyclists to travel safely and freely in the campus.

**Plastic free campus:** PEC is a plastic free campus. PEC has organized programs to create awareness on harmful effects of plastic free zone.

**Paperless office:** The college gives emphasis on paperless office to save carbon emission in printers. Reuse of one –side paper printouts is also being done.The college has introduced the process of automation of administration in a planned and phased manner.The procurement of stationery has sharply declined over a period of time with the introduction of automation. The focus areas of the institution in reaching the goals connected with paperless office are:

Online application process

Online fee payment

Computer-based course selection

Online communication with staff and students

Student’s continuous internal assessment publication through intranet

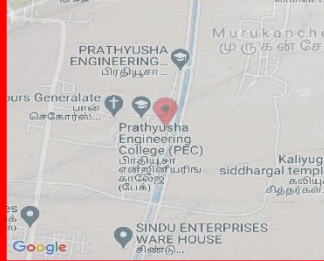
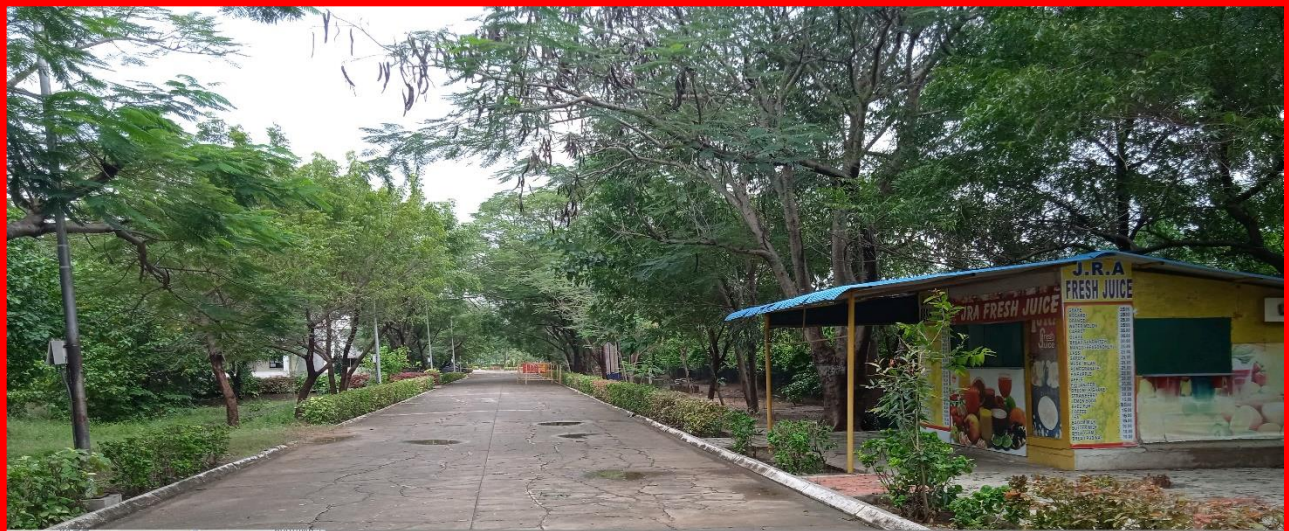
Ruled answer sheets for written examinations to reduce the paper consumption

Circulars and notices for major events and competitions in the college sent through online mode

**Green landscaping with trees and plants:** Carbon dioxide neutrality is maintained on the campus by planting different varieties of trees and plants. The green campus concept offers PEC to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

### **Major Green Campus Initiatives**

1. Tree Plantation is done every year through NSS.
2. Recycled water is utilized for maintaining green campus.
3. Rain water harvesting and solid waste management.
4. The college has nurtured number of trees of different variety.



	Decimal	DMS
Latitude	13.091235	13°5'28" N
Longitude	79.973811	79°58'25" E

2021-01-07(Thu) 12:03(pm)



	Decimal	DMS
Latitude	13.090814	13°5'26" N
Longitude	79.971931	79°58'18" E

2021-01-07(Thu) 12:57(pm)