



EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, MECH, ECE), NAAC with "A+" and Recognised by UGC (2f & 12B)
KOMARAPALAYAM - 637303

7.1.5 - Green campus initiatives

POLICY FOR IMPLEMENTATION

Our Institution has the following green practices for environment sustainability;

- **Green Landscaping with Trees and Plants**

Keeping the campus green and clean is the impelling mandated portfolio to all institutions to keep the ambiance of the environment pleasant to live with. Global Warming, Soil preservation, reducing air pollution, getting more oxygen and good rain are the outcomes of this magnificent endeavor.

We have developed a wonderful infrastructure extravaganza with the "Clean & Green Campus" as its motto to provide a natural eco friendly ambiance to the students to enjoy learning experience at the lush green atmosphere. The small seeds that we planted a few years ago have grown into a large number of trees. Now our campus is turned into an eco friendly and green campus. It includes various eco friendly trees like disinfecting germs and temperature maintain Neem tree, high oxygen releasing Bamboo trees, Pongam-oil trees, Coconut trees, Teak trees, Plantain trees etc. The Ventilation in classrooms is adequate considering natural light and air.

The Rotaract club and Green Campus Club members volunteer to sapling plantation and watering the planted saplings under their care. Sapling plantation programs help in encouraging eco-friendly environment, which provide pure oxygen within the institute and awareness among the villagers. Rotaract and Rotary international District 2982, Excel Group Institutions and Rotary Club of Komarapalayam made an attempt to set a new Guinness world record of "Largest Human Image of a Banyan Tree" with 5284 students of Excel Group Institutions at Excel campus to address global Warming and water shortage problems.

- **Bicycles**

Students are encouraged to commute to the institution by bicycles. Students residing near the college use bicycles or walk to the college.

- **Public Transport**

Government bus stop is available near to the college within 100 meters. Students are able to avail the buses

- **College bus Transport**

The college operates 54 buses for the benefit of staff and students covering 4 districts.

- **Parking**

Parking facilities are created for two and four wheelers at three locations inside the campus to ensure safety. They are not allowed to ride inside the campus.

- **Pedestrian friendly roads**

The pedestrian platforms are laid on the sides of the main approach road towards all buildings in the campus. Well planned drainage systems across the roads are running throughout the campus to avoid stagnation of rain water.

- **Plastic-free campus**

The services of Rotaract club are utilized to make the campus plastic free. Banners and slogans are displayed at the prominent locations to create awareness on ill effects of plastics. The Rotaract club and Green Campus Club members volunteer to clean the campus periodically as a part of their service project known as "No to Plastics".

- **Paperless office**

Communication inside the campus is made paperless by using the recent advancement in communication like e-Mail, WhatsApp, Google Drive etc., and we have separate Blade server to store the documents.

Usage of ICT enabled class rooms and smart classrooms provide effective teaching environment

- **Solid waste management**

Solid waste management is the process of collecting, treating and disposing of solid materials which is taken care in the Institution. Improper disposal of solid waste can create unsanitary conditions in turn leads to pollution of the environment and outbreaks of vector-borne diseases. To make the environment conducive for survival and retaining the natural setting, the following procedures are followed in the campus:

Deployment of Dustbins at distinct spots

Proper collection of droppings from the trees and plants and conversion into manure for fertilization Food and vegetable wastes from mess and canteen are collected and fed to the animals inside and outside the campus. A common ETP is functioning to treat solid and liquid waste and produce energy/gas for cooking.



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- **Liquid Waste Management**

Due to the increase of water usage, the volume of sewage increases and safe disposal of sewage has become a cause of concern. The appropriate reuse of treated sewage is the obvious and eminent solution. Our Institution has two sewage treatment plants (STP) to recycle the waste water. To ensure effective utilization of waste water, the lawns, saplings and trees in the campus are watered after recycling.

Well constructed drainage system in the form of closed collection tanks prevails in our campus. The tanks are regularly cleaned to avoid stagnation of water and the cleaning part of the process is given for outsourcing.

There are two treatment plants (RO) to purify drinking water Effluent Treatment Plant is in place for effective treatment of liquid waste.

- **E-Waste Management:**

Disposal of e-waste is an emerging global environmental and public health issue and has become the most rapidly growing segment of formal municipal waste stream in the world. The life of the electronic items is extended by doing proper maintenance. E-waste from the computer hardware, electronic equipments etc., are normally weeded out by the institute periodically to the external vendor. The worn out batteries are disposed through the scrap vendor. E-waste materials are collected and auctioned to the concerned recycling agents. Few of the harmless items are used in the laboratories for demonstration purpose. The out dated computer mother boards, RAM, hard disks and processors are used for the purpose of hardware assembly training. Few electronic items are reused in the students' project.

PRINCIPAL