



Policy for Environment and Energy Usage

Trinity College of Engineering and Technology leaves behind a clean and ecologically pleasant, campus, where green teaching and activities work together to promote sustainable and environmentally friendly behavior. The Green Campus concept enables the college to lead the way in renewing environmental culture by promoting environmental ideals among students and faculty. In promote environmental awareness within them and in the world around them, the institute also encourages students and staff to adopt, implement, and support environmentally friendly practices. The growing human foot print on the planet is causing significant environmental problems that will only worsen over time. Major efforts are needed to offset the harmful effects of human activities on the environment, which in turn effect how we interact with the world and each other. All problem-solving strategies must be employed to bring about real change.

Objectives:

- To encourage the students to maintain clean and green environment.
- To help students create awareness among the public.
- To teach students the value of environment and the problems it faces.

Green campus initiatives are as follows:

▪ **Energy Consumption:**

The energy saved is the energy generated. To reduce energy consumption, the following measures will be taken:

- a) Turning off equipment when not in use.
- b) Use of LED light bulbs.

▪ **Renewable Energy:**

Solar Energy is the cleanest and most abundant renewable energy source. The Institute promotes solar energy and stake holders are encouraged to promote and use renewable energy sources.

▪ **Water Resources Preservation:**

The urban development, population growth and climate change are having serious impacts on resource stocks around the world, especially water resource conservation.

Some initiatives include:



- Use a broom instead of a hose to sweep sidewalks and drive ways.
- Water lawns in the morning or Evening. Make sure that water lands on the vegetation and not on the streets or sidewalks. If possible, save rainwater for watering the lawns.
- When washing dishes by hand, use a sink with rinse water instead of running the water.
- When washing the vehicles, use a hose with an on/off nozzle or use buckets of rinse water.
- Repair leaks in water pipes.
- Use water sparingly when bathing.
- **Restricted Entry of Motor Vehicles:**

Staff and students must show an emission certification while using the two-wheeler/Four-wheeler vehicles. Students and staff are encouraged to use bicycles or carpool to reduce the emissions. Buses are used to transport students and employees to reduce gasoline or diesel consumption and thereby reduce emissions.
- **Pedestrian Friendly Pathways:**

The Campus has adequate space for parking employees and students vehicles. Roads within the campus are well maintained and safe for pedestrians to walk on.
- **Encouraging use of Bicycles:**

The institute encourages the students and staff to use bicycle in the campus. Some students regularly use bicycles on a regular basis. This is a fuel-efficient attitude for future generations.
- **Ban on the use of Plastic:**

The Institution has banned the use of plastic in the canteen, to save the environment, glass plates and steel spoons are used.
- **Greening with trees and Plants:**

Apart from planting trees regularly, the students and staff participate in "Haritha Haram" programme initiated by the Telangana government to promote green culture in the area.

Estd : 2008



TRINITY

COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUH & SBTET)

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SBTET-TS COLLEGE CODE : **488**

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▪ Waste Management:

The institute practices three R's (Reduce, Recycle and Reuse) to manage waste, some initiatives are follows:

- Green garbage cans are used for bio-degradable (wet) waste, blue garbage cans for non-bio-degradable (dry waste).
- Use of half-used paper for rough work.
- Women wash rooms are equipped with incinerations to destroy sanitary napkins and dispose of them in an environmentally friendly way.
- Canteen waste is used in produce bio-gas.
- Vegetable and food waste is composted and used as fertilizer.
- Encouraging the use of electronic content instead of paper.


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