



Policy for Environment and Energy Usage

Samata Degree College bequeath a clean and ecologically pleasant, campus, where eco-friendly teaching and activities work together to foster sustainable and environmentally friendly behaviour. The Green Campus concept allows the institution to take the lead in the regeneration of environmental culture by promoting environmental ideals among students and faculty. In order to instil eco-consciousness in themselves and the world around them, the institute also encourages students and staff to adopt, implement, and support environmentally friendly practices. The going human foot print on the planet is generating significant environmental issues that are only going to become worse overtime. A massive effort is required to offset the detrimental impacts of human activities on the environment, which, in turn effect how we interact with the world and with one another. All problem-solving strategies must be used in order to create true change.

Objectives:

- To encourage the students to maintain clean and green environment.
- To educate the students to create awareness amongst public.
- To instil the students, the value of environment and the issues that it faces.

Green campus initiatives are as follows:

▪ **Energy Consumption:**

Energy saved is the energy generated. To reduce energy consumption, the practices are:

- a) Turn off the things when not in use
- b) Using LED light bulbs
- c) Usage of Bureau of Energy Efficiency (BEE) rating appliances for energy saving

▪ **Renewable Energy:**

Solar Energy is the cleanest and most abundant renewable energy source. The Institute promotes solar energy and the stake holders are encouraged for promoting and adapting renewable energy

▪ **Conserve Natural Resources:**

The Institution believes in sustainable natural resources conservation and it is a process of rational use and skilful management and preservation of the natural



environment with all fit resources, the trees like mango, neem, and tamarind are preserved. From the inception of the institute, the students and staff are actively participating in tree plantation activities.

▪ **Water Resources Preservation:**

The urban development, demographic growth and climate change have serious impacts on stocks of resources around the world, particular to preserve water resources. Some initiatives are:

- Use a broom instead of a hose to sweep sidewalks and drive ways.
- Water the lawns in the mornings or Evenings. Make sure that water lands on vegetation and not on streets or sidewalks. If possible, save rain water for watering lawns.
- When washing dishes by hand, use a sink full off rinse water rather than the letting water run.
- When washing the vehicles, use a hose with an on/off nozzle or use buckets of rinse water.
- Fix the leaks in the water pipelines.
- Judiciously using water while bathing.

▪ **Restricted Entry of Motor Vehicles:**

The staff and students have to possess emission certification while using the two-wheeler/Four-wheeler vehicles. Students and staff are encouraged to have bike or carpooling following the norms to reduce the emissions. College buses are plying to cater students and staff transportation to reduce consumption of petrol or diesel to cut emissions.

▪ **Pedestrian Friendly Pathways:**

Campus has sufficient space for parking vehicles of staff and students. Roads inside the campus are well maintained Pedestrians can walk safely on the pathways.

▪ **Promoting use of Bicycles:**

The institute encourages the students and staff to use bicycle in the campus. Some students regularly use Bicycles. It is a fuel saving attitude for future generations.



SAMATA DEGREE COLLEGE

Affiliated to Andhra University & Approved by AICTE

An ISO 9001 : 2015 Certified Institution

SECTOR 10, MVP COLONY, VISAKHAPATNAM – 530 017. (A.P.)



- **Ban on use of Plastic:**

The Institution banned single usage of plastic in the canteen steel glass plates and spoons are in use to be eco-friendly environment.

- **Landscaping with trees and Plants:**

Along with regular practice of planting trees, the students and staff participate in "Haritha Haram" programme initiated by the government of Telangana to the green culture in the vicinity.

- **Waste Management:**

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

- Green dust bins are used for bio-degradable (wet waste).blue dust bins are used for non-bio-degradable (dry waste).
- Utilizing half used paper for rough work.
- Women wash rooms are provided with incinerations to destroy sanitary napkins for easy disposal in an environmentally friendly way.
- Canteen waste is used in bio-gas production.
- The waste from vegetables and food are composted and used as a fertilizer.
- Encouraged to use electronic form of content instead of paper

Director & Principal