

# **ACS** College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST







# ACSCE Environmental Policy - Green Campus

Green Campus: A Green Campus can be defined as a program that integrates environmental management and protection into tertiary institutions. Green campus is a combination of the environment and the campus world in its management. The concept of the environment which includes 3R (reduce, reuse, recycle), greening, in front of office and so on are combined with the campus concept which consists of the physical condition of the campus, campus location and the behavior of campus residents.

### Why we need Green Campus?

Green Campus Program enables schools and colleges to conserve natural resources like water and biodiversity, optimize energy efficiency, manage waste and educate about climate change and sustainability while addressing well-being of the students as compared to conventional educational institutes.

## Objective of the Go Green Programme

- > To protect and conserve ecological systems and resources within the campus.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- > To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- > To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- > To continuously improve our contribution to climate protection and adaptation to climate change and to the conservation of global resources.
- > To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- > To make the campus plastic free.

These strategies incorporated in the institutional processes with the aim of developing clean and green campus.

Campus

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# The Initiatives Taken by the Institution to maintain an Environment Friendly Campus

#### Solid waste management:

The Institution implements solid waste management by enforcing the waste segregation rules. Dustbins are placed near to classroom, laboratory, rest room, and mess at different locations in the campus. Sweepers are allotted to each floor who manages all the waste generated in the campus. The institution has successfully completed and recently commissioned a Biogas plant to handle  $80 \, \text{kg/day}$  of solid waste.

### Liquid waste management:

The Institution follows the systematic procedure for proper management and disposal of liquid waste. The wet waste from the college, hostels and canteen is given away to bio fertilizer plants for making eco-friendly fertilizers. A sewage treatment plant for the college is being conceived. This treated water is then used for the gardening and other purpose.

#### E-waste management:

The Institution as undertaken a number of E-waste Management initiatives with the objective of creating an eco-friendly environment in the campus. E-waste such as computers and its peripherals are upgraded regularly to continue usage and to avoid its wastage.

#### Hazardous and Radioactive waste:

Live (Hazardous) waste discarded in to the environment after water treating from the treatment plant and from the institution no radioactive waste is not generated.

#### **Restricted Entry of Automobiles**

The college operates a fleet of 6 buses covering each corner of Bengaluru 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.

Campus

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#### **Battery Powered Vehicles**

The Management has procured three battery operated carts for the use within the campus to minimize the movement and pollution arising due to fuel driven vehicles with in the campus.

### 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.

### 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. To restrict the use of plastic, measures have been taken to replace plastic tea cups and glasses with steel glasses in the canteen.

Principal

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