

Sustainable campus project: Cultivating clean and green campus

The practice:

Green campus efforts at college prioritize the health, happiness, and personal growth of students. We promoted student tree planting by organizing tree-planting camps. We encourage students to properly dispose of their waste in the dustbins to maintain our green campus. It has been discovered that college campuses with green spaces have numerous health benefits, including happier and less stressful environments. Rainwater collection infrastructure helps conserve water resources and provides a practical example of sustainable practices in action.

Campuses can reduce their reliance on fossil fuels and their carbon footprints by installing solar panels. Solar panels use light from the sun to create power without emitting any greenhouse emissions and we insist our student to use natural light whenever it is possible. LED lighting is a great way to implement energy-efficient practices. Pupils were urged to use natural light whenever possible and to turn off lights and electronics when not in use.

Objective:

The primary objective of Sri Venkateswara College of Engineering and Technology (SVCET's) "Green Campus" project is to lessen the campus's operational impact on the environment.

Campuses seek to promote sustainable behaviour among the educational community and show environmental responsibility by implementing sustainable practices and infrastructure. This encourages a culture of sustainability throughout society and on campus.

The context:

Since SVCET is situated in a rural region, it generally has rich natural ecosystems and landscapes that require care. Campuses that embrace sustainability can act as stewards of the surrounding environment. Incorporating sustainability benefits students' environmental literacy and sense of responsibility for environmental protection in addition to the institution's overall

well-being. Campus frequently acts as a center of activity for the surrounding community, fostering relationships and a sense of shared accountability for the area's well-being.

Problems encountered and resources required:

1. One of the biggest challenges are securing funding and professional guidance for sustainability projects.
2. To successfully maintain green practices, a sufficient number of people are required.
3. Given the difficulty of Green Campus Initiatives, all stakeholders must be resolute and commit to them over the long haul.
4. More funding sources are required, and regular solar panel cleaning is necessary for increased efficiency.
5. Adequate public transportation is necessary to deter people from driving their own Vehicle inside the campus.

Evidence of success

1. The college's green campus has improved the campus's aesthetics while also taking a proactive stance to preserve the environment.
2. The energy conservation policy creates a progressive approach and offers cost-effective and energy-efficient operations on campus. For example, the college building's abundance of natural light reduces power usage and energy consumption.
3. Implementing eco-campus practices has produced one of the area's most attractive and cleanest colleges.
4. Regular environment and green audits are carried out, and the college has been certified as having a clean and green campus.
5. Conducting an energy audit on our campus is a proactive step towards understanding and improving energy usage efficiency.
6. As a result of this approach, more trees are being planted on campus.
7. To fulfil our social obligation, we are always coming up with new ideas for clean and green campus projects.