

Innovative practice of the Institution

Eco-friendly and Green Campus

1. Title of the Practice: Eco-friendly and Green Campus

Green campus initiatives are becoming an integral part of the modern-day education system and the institutions can act as pioneers in promoting these principles within society. Our college has initiated the green campus program in order to support a sustainable and climate-friendly environment. The main objectives for these initiatives are environmental awareness and education, the use of sustainable energy and energy efficient measures, comprehensive recycling and composting and green landscaping in the campus.

Duration:

(Year of Inception and Discontinuation): Year of Inception: 2019

Year of Discontinuation: Still Continue

2. Goal:

- To save the human being from the effect of environmental pollution.
- To make the campus Eco-friendly by planting more trees.
- To adopt new policies for conservation and generation of energy.
- To ensure protection of bio-diversity and safeguarding of flora and fauna.
- To institutionalize sustainable solutions through instruction, teaching, research, innovation and extension activities with live concern for the Campus and its neighboring community.
- To ensure proper waste management.
- To accept clean production concept.

3. Context:

Today there is a great need for conservation. because we are facing numerous environment problems. The main cause behind these problems is that human beings are consuming natural recourses at a much quicker pace than they can be replenished. Pollution is becoming very serious day by day due to deforestation and urbanization. A clean and healthy environment aids effective learning and provides a conducive learning

environment. We decided to educate and make aware students on the issues such as renewable energy sources, waste management and recycling. We decided to work in the areas of power, plant, water and cleanliness. The stakeholders work to develop an eco-friendly, sustainable campus and to disseminate the concept of eco-friendly culture. Our main focus behind this Green campus program is to ensure the sustainability of sufficient water, materials and other resources for our future generation. But the main challenge is the proper translation of education for sustainable development into practice so that it can be more effective. Any new development should consider and maintain the proper balance of economic, social and environmental conditions and the participation of all staff members and students is very important. More stress is being given on the proper infrastructural development so as to continue and maintain the green culture in campus.

4. The Practice:

This best practice is small but significant step in involving the students to make the college clean, green and ecofriendly and in turn creating awareness in them about the need for conservation of the environment. Common practices include the planting the sapling, awareness rallies, campaign and lectures. These activities are largely carried out by Red Ribbon Club and Gardening Club of the college as it has planted several useful medicinal plants. The fourth semester students are encouraged to focus on environmental studies from a practical point of view. Lectures on environmental awareness, pollution and harmful effects of polythene are organized. Students are advised to reduce the use of plastic and other disposable items. The use of air-horn in the college is strictly prohibited.

A) Plantation:

The different varieties of plant species are planted at defined intervals in the campus with the help of stakeholders. During last five years, college has planted hundred of plants and trees. Present green campus is the outcome of our sincere efforts.

B) Conservation of Energy:

College receives inadequate power supply from local power grid for its academic and administrative needs. Hence, in order to meet our requirements, the resources are used very economically which is resulted in minimum expenditure on fuel, electricity bills. This helps

us to overcome reliance on erratic power supply. Following initiatives are employed in campus:

- Tube lights and bulbs have been replaced with CFL and LED lamps.
- Optimum power utilization is practiced.
- Watering of plants in an economic way.
- Students are provided safe and clean drinking water.

5. Evidence of Success:

The green campus developed by college helps not only to save the environment, but also adds to beauty of the campus. Besides providing shade to people, the plants are used for scientific studies. College is able to save a lot of money on electricity bills due above initiatives and is evidenced from the past electricity bills. Water conservation methods employed are helping in maintaining campus green and eco-friendly.





6. **Problems encountered and resources required:**

The main problem encountered in the Green campus initiative is development and maintenance of proper infrastructure for the green practices. The Green campus program should be considered as a necessity in every institution and separate funds should be allotted for this. Implementation of these green practices needs series of awareness programs to educate more people and train them for it. Going green not only needs investment in terms of money but also a strong will from all the beneficiaries

7. **Notes (Optional):**

- The institution will form an Eco- Club to maintain the Green initiative.
- Plant exchange programme will be initiated by the institution.
- Tree adoption policy will be commenced by the college.
- The institution will conduct Green audit.
- Solar Panel will be installed by the college.
- Water harvesting system will be installed for water conservation.
- Kitchen garden will be set by the college.
- More plants with different properties will be added up in the list.