

## **Best Practice – 2**

### **1. Title of the Practice: Green Oasis Campus**

### **2. Objectives of the Practice:**

- To transform the campus into an eco-friendly environment that will have a positive impact on the surrounding community. This will be achieved through various measures such as energy-efficient lighting, sustainable waste management, and the use of renewable energy sources.
- To sensitize the students towards responsible living by promoting tree-planting initiatives and energy conservation practices. Through these initiatives, students will understand the importance of preserving the environment and the role that they can play in creating a sustainable future.
- To create a generation of environmentally conscious individuals who will take it upon themselves to protect the planet and ensure a better future for all.

### **3. The Context:**

Green campus activities have become an integral part of modern education systems. Educational institutions have taken the initiative to promote sustainable and environmentally friendly practices within the society. At our college, several programs are conducted to support a sustainable and climate-friendly environment on our campus. These programs include the use of energy-efficient measures and green landscaping. Our faculty members motivate students to implement green initiatives such as planting trees, minimizing the use of plastic, and turning off lights and fans when not in use. The institution has a practice of restricted entry of vehicles on the campus. The solar power plant is situated on the college rooftop, providing renewable energy. LED bulbs are used in the college to save and conserve energy. The institution has implemented a partial ban on single-use plastics on our campus, and the BBMP Municipal Corporation's garbage collection vans collect solid waste routinely.

  
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#### **4. The Practice:**

Our esteemed college places a great emphasis on naturalizing a culture of environmental awareness and sustainable living. In pursuit of this noble objective, the college has implemented a range of measures that promote energy conservation and limit the carbon footprint. For instance, the college has installed cutting-edge solar panels that harness the sun's energy to power the campus, which has not only reduced our reliance on traditional sources of energy but also helped to cut down our electricity bills. To further reduce energy consumption, Our college has replaced conventional lighting fixtures with energy-efficient LED lights that consume significantly less energy.

Moreover, faculty members and students are actively engaged in cleanliness drives that are aimed at maintaining the cleanliness and hygiene of the campus. The cleanliness drives serve as a platform for raising awareness about the importance of cleanliness, proper waste disposal, and recycling.

To complement these efforts, the college has put up signboards across the campus that serve as a constant reminder to students and faculty members of the importance of living a green lifestyle. The signboards encourage students and staff to adopt eco-friendly practices, such as avoiding the use of plastic, reducing paper usage, and conserving water. Overall, our college remains firmly committed to promoting environmental sustainability and continues to explore new and innovative ways to achieve this goal.

Our college takes pride in being an environmentally friendly institution with a clean and pollution-free environment. Since its inception, the college has aimed to reduce energy consumption and improve energy efficiency through consistent methods involving everyone within the campus. Students are encouraged to use paper and cloth bags to minimize the use of plastic. Dustbins are also kept in every classroom, laboratory, corridor, porch, and college premises to maintain cleanliness.

To maintain a pollution-free environment, the college administration encourages students and staff to opt for the college bus service instead of using personal vehicles. The college has also taken a step towards sustainability by providing electric vehicles for administrative personnel within the campus. With these initiatives, the college aims to promote eco-friendly practices and reduce the carbon footprint.

The NSS unit of our college deserves a special mention for organizing regular campus cleaning campaigns, and plantation drives, as well as making and distributing paper and cloth bags ('Best out of Waste') as a token of motivation for students, shopkeepers, and strangers. The institution also organizes awareness programs on energy issues and eco-friendly behaviour.

#### **5. Evidence of Success:**

The success of our college's green campus initiative is evident in several ways.

- The abundance of trees throughout the campus not only enhances its aesthetic appeal but also contributes to carbon sequestration and air quality improvement.
- The comprehensive waste management system, including dry and wet waste segregation and a sewage treatment plant, demonstrates our commitment to minimizing environmental impact.
- The reuse of treated water for watering plants further emphasizes sustainability.
- Additionally, the National Service Scheme (NSS) actively organizes various activities focused on promoting environmental awareness and conservation, raising a culture of sustainability among students and staff.
- Moreover, the integration of solar energy and LED lighting reduces our reliance on non-renewable energy sources and lowers carbon emissions.
- Furthermore, providing a college bus for public transport reduces individual vehicle usage, mitigating pollution, while designated parking areas and pedestrian pathways prioritize eco-friendly modes of transportation.

#### **6. Problems Encountered and Resources Required:**

- Our college administration has not experienced any problems in conducting this practice.
- Automatic switches are required to save electricity.

  
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**7. Notes (Optional):**

The institution is dedicated to involving its students, faculty, and staff in initiatives that promote a clean and green campus. NSS volunteers and students are designated to participate in awareness rallies and spread the message of protecting the environment and keeping our surroundings clean. The college has appointed a team of gardeners to maintain its Botanical Garden, and regular plantation is carried out to increase the green cover in the campus.

  
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