

Best Practice - I

1. Title of the Practice: Green Campus- Healthy Campus

2. Goal:

- To keep the Campus green and clean
- To grow more trees with variety
- To help biodiversity conservation
- To protect aesthetic values of students and staff of our institution
- To stimulate eco consciousness among students

3. The Contexts:

Dr. Sau. Kamaltai Gawai Institute of Engineering and Technology, Darapur is situated at the bottom of Satpuda mountain range. Satpuda forest is one of hotspot for floral and faunal biodiversity. Our institution is committed to maintain the health and biodiversity of the campus that eventually protect our environment.

4 The Practice:

We plant various types of plants with the help of NSS, NCC, Teaching, non-teaching staff and other students of the college. These plants are made available from forest and private nurseries at the onset of monsoon every year. These are successfully maintained by providing fertilizers and irrigation facility. We conduct the program of "Shramdan" every Saturday by NSS volunteers for the maintenance of our campus.

5 Evidence of the Success:

Our campus is spread across 10 Acres of sprawling green campus.

6. Problem encountered and Resources required: - No serious problems were faced.

7. Contact details:

Name of the Principal: Dr. N. S. Ghotkar

Name of the Institution: - Dr. Sau. Kamaltai Gawai Institute of Engineering and Technology, Darapur

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Best Practice - II

1. **Title of the Practice:** Preserving our environment through energy saving measures.
2. **Goal:**
 - (i) To cut down the consumption of energy while performing its functions since energy saved is energy generated.
 - (ii) Through these measures the College aims to instill in the minds of the younger generation the importance of energy conservation in the course of environmental protection.
 - (iii) To set an exemplary practice worth emulating in the greater interest of the human civilization.
 - (iv) To cut down expenditure in the area of energy consumption thereby enabling the College to invest in other relevant and significant academic activities.
3. **The Context:** The 21st century global community is facing an imminent threat to the survival of the human population and ecosystem due to the large scale degradation of the environment by the application of science and technology. One of the major factors that contribute immensely to the environmental degradation is the emission of “Green House gases” in the process of energy generation for human consumption. Understanding this critical situation the IQAC with the active cooperation of the Governing body devised this unique measure to contribute our ideas and effort towards environmental protection and preservation.
4. **The Practice:-** Energy conservation
 - a) The College has ensured the electrical wiring of the College campus based on the prescribed code to prevent ‘transmission loss’ of energy due to inferior quality of electrical wires and appliances.
 - b) Non-use of incandescent lamp within the campus. 90% of the Lamps are either energy saving fluorescent (T5, T8), compact fluorescent lamps (CFL) or LED. Incandescent bulbs are almost done within the campus.
 - c) Control outdoor lightning: Automated light sensitive switches control the out-door lightening which switch off at day and switch on at night, thereby saving and conserving energy.
 - d) Maintaining the cooler room temperature without consuming more energy: The following measures initiated by the College have enabled a comfortable environment in the office building and the new class rooms block without using ‘energy-hungry’ air conditioning appliances.
5. **Evidence of Success:** The energy consumption is relatively lower than the other institutions of similar nature. Installed solar panels and energy storage devices for curtailment of energy

consumption. This unique practice has created considerable impact in the psyche of the students regarding the importance of planning and implementing effective measures towards cutting down energy consumption and thus protects our environment.

6. Problem: Problems Encountered and Resources Required.

Initially there were few hiccups in the form of procuring necessary appliances for cutting down energy consumption, but that was taken care of by the management by seeking requisite appliances in the city.

7. Contact details:

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Name of the Institution: - Dr. Sau. Kamaltai Gawai Institute of Engineering and Technology, Darapur

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