

Best Practice 1

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

2. Goal:

- 1) To save the human being from the effect of environmental pollution.
- 2) Eco-campus by planting more trees.
- 3) Conservation as well as generation energy.
- 4) Efficient use of available water.
- 5) Proper waste management.
- 6) To tell environment degradation.
- 7) Planting and maintaining trees.
- 8) To accept clean production concept

3. Context:

Today there is a great need for conservation. because we are facing several environment problems. The main caused 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. As College is located in rain shadow region, it receives scanty rainfall. It was necessary to look forward to make efficient use of available water and other resources. 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.

4. The Practice:

HEI resolved to work with stakeholders to foster a culture of self-sustainability and eco-friendly campus. The time bound strategies are developed to implement green campus initiatives. At the outset, a committee comprising faculty from the various departments is constituted in consultation of IQAC. It was entrusted the task of formulating strategies for clean and green campus. This helps in strengthening eco campus. Following are the initiatives for making eco-friendly campus.

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 hundreds of plants. and trees. Present green campus is the outcomes 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 on campus:

- Tube lights and bulbs have been replaced with CFL and LED lamps.
- Optimum power utilization is practiced.
- Plants in the campus are watered without wasting the water.
- Water harvesting system is in place to collect roof top water into the underground drainage.
- Students are provided safe and clean drinking water.
- The wet waste and dry leaves of plants are used for vermiculture which is used for Agri College Darwaha.
- Exhaust fan is installed in the laboratory to expel hazardous gases.

5. Evidence of Success:

- The green campus developed by college helps not only to save the environment, but also adds to the beauty of the campus. Besides providing shed 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 maintaining gardens and campus green and eco-friendly.

- Ban on plastic items, vermiculture and vermicompost has made college campus clean and beautiful.
- Eco-campus strategies employed resulted in one of the beautiful and clean college in the vicinity. It has resulted in attracting more students.

6 Problems Encountered and Resources Required: -

- Preservation and healthy growth of plants require a lot of human resource planning. NSS, units, Water shortage problem was overcome with drip irrigation.
- In summer season, we have to face lot of water scarcity. Hence in order to meet requirements we need to hire water tankers.

7. Notes:

- The college has displayed various slogans on environment awareness in the campus to propagate green campaign successfully. These slogans encourage students to protect plants and keep the environment eco-friendly.
- Use of paper cups and plates is encouraged and the use of plastic bags and plastic tea cups is banned. Plastic free culture is imbibed.
- Less paper communication and correspondence are practiced routinely. It encourages and practices communication through e-mails and social media.

Best Practices No 2:

1 Title of the practice: - The study of Nature

2 Goals:

- To make students aware about the importance of saving the forest.
- To create awareness about the nature and environment.
- To make students know the importance of wild animals, trees and various medicinal plants.

- To stop cutting of woods of the forest by creating awareness among the villagers through the forest department and the student.

3 Contexts

The forests are important for the health and well-being of people, wildlife and our planet. They are home to roughly two-thirds of all land dwelling plants and animal species. But unfortunately, deforestation is increasing day by day. In order to fight against catastrophic climate change and global warming we have to stop deforestation. Our institution is situated in the forest area. The people of this area know the forest but do not understand the importance of trees and the forest. The villagers used to cut the trees for cooking. So, the college tries to prevent them from cutting the trees through our students.

4. Practice:

Every year at the beginning/mid of the session, the college organizes the Nature study tour to the forest and dam area. Near about 80 to 100 students participate in the tour. The forest officers and guards guide the students and provide information of various types of trees, medicinal plants, wild animals etc. and also make students understand the importance of preservation of forest. The students, after understanding the importance of trees create awareness among their parents and family.

- **Following are places the Environmental study tour has organized.**

Sr. No	Session	Name of the place with address	Date	Number of participants
1	2014-15	Krushanaji Sagar, Malkhed TQ Chandur (rly) dist Amravati	29/09/2014	85
2		Bembla Project, Bhabhulgaon, distyavatmal	29/09/2014	85
3	2015-16	Maleghat tiger reservoir project Tq. Partwada. Dist Amravati	27/10/2015	93
4	2016-17	Aadan Project tq Karanja Lad distwashim	08/10/2016	94

5	2017-18	Bore dam, PavnarDist Wardha	16/09/2017	112
6		SevagramBapuKuti	16/09/2017	112
7	2018-19	Forest of Chikhaldharadist Amravati	21/09/2018	103

5 Evidence of success:

- Due to this practice there is a decrease in cutting the trees.
- Plantation program are arranged in the college campus as well as in the village.
- The students got familiar with the nature and various plants like Nirguda, Raktachandan, Ghuyira, Gunj, Arjun etc.
- Students became aware about the forest and wilderness.

6 Problems Encountered:

- A tour in the forest is a risky program. Due to lack of enough human resources, it becomes really difficult to keep watch on every student while wandering in the forest.