

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

Best Practices: 1. Title of the Practice: Use of nonconventional energy sources.

2. Goal: To create awareness and importance among students, staff, all stake holders of the college and community to use of alternative energy sources.

3. The Context: The most important reason behind the necessity for energy conservation is protecting the environment. Human race has excessively extracted natural resources for its own convenience without thinking of its aftermath. Extensive use of vehicles, cutting of trees, irrational use of water, paper and electricity from conventional source add up to the threat of clean environment. Conserving energy has yet another important reason. Use of alternative energy source for generation of electricity would give the prime benefits like low electricity bills and reduced maintenance cost of electric and electronic equipment. We, as educationists have come forward to take initiative to take measures to conserve and preserve our environment and motivate others.

4. The Practice: The institution has installed 'Solar Power Generation Plant of 30KV capacity' in the year 2018. The project was well appreciated by Solapur University. In order to meet the growing demand of energy because of extended infrastructure, this plant was upgraded in 2018 with partly financial assistance by self-finance. It now generates additional 30kW energy. It has considerably reduced the need of conventional electricity supply.

5. Evidence of success: The use of solar energy generation has reduced the electricity bill by about 13-30%.

6. Problems Encountered and Resources required: "During rainy season, less solar energy is available". There is a growing need of energy every year as new courses, instruments and infrastructure are added up. This plant is not sufficient enough to meet the requirement. It is necessary to add more solar panels. Awareness and efforts are required by each and every one for optimum use of electricity and thus contributing towards conservation of environment.

Best Practice II

1. Title of the Practice: Reformation in University examination process: Easy solution for seating arrangement

2. Goal: To achieve convenience in seating arrangement.

3. The Context: Evaluation of student's performance is done through written theory examination. Sometimes it was even more stressful due to some human errors. Therefore it was a priority to implement some new mechanism for the whole system. As per the University time table, theory examinations are conducted in two or three sessions. For each session 15-20 blocks are required. Before commencement of the examination, seat numbers are to be written in each block. Time management between two sessions to write seat numbers of next session, is a hectic job. At a time 8-10 technical staff have to complete the seat numbers writing at least 15 minutes before the next session starts. Generally, theory examinations require at least two months for completion. In an academic year, theory examinations are conducted twice.

4. The Practice: To overcome this hectic, time consuming and laboursome seat numbers writing work, the process is reformed. In this process, the benches in every class rooms are permanently oil painted from 1 to 40. At the time of examination, bench numbers against seat numbers of students are displayed on the notice board. As the benches are permanently painted with numbers, it is not necessary to write seat numbers on benches in every block for each session.

5. Evidence of success: This novel practice has saved a lot of time, energy and stationery (chalks, papers etc.) of the institution, It is so convenient that only one administrative staff member in just one hour can complete the seating arrangements of the whole week. Earlier, it was about eight staff members, each spending daily four hours and for about eighty examination days consumed about 2,500 hours per year. But now because of this new system, it has reduced to one staff for one hour per week means only twelve hours per year. Besides, the student already knows which examination hall and on which bench to sit, even before entering the college. It has reduced considerable stress and hustle of the students as well. The most important aspect is there is almost zero error in this whole mechanism.

6. Problems occurred and resources required: It was required to make capacity building of the administrative staff regarding operating software in sync with physical facilities and infrastructural resources. All the benches in the institution had to be given numbers for wholesome implementation of this new system.