Best Practices

Best Practices:

I) Usage of Renewable Resources: Solar Energy
II) Maintenance of an Eco-Friendly Campus.

I. SOLAR ENERGY:

1. Title of the Practice:

Usage of Solar Energy – The Renewable resource.

2. Objectives of the Practice

1. Improve the quality of life by providing power through affordable and renewable source, solar energy.

2. Promote the use of sustainable and economic methods of producing power.

3. Apply solar energy technology as the enabling technology for sustainable development.
4. To minimize the expenditure of electricity and to encourage the use of Eco friendly power.

3. The Context

Solar power is the conversion of sunlight into electricity either directly or indirectly. Solar power is anticipated to become the World's largest source of electricity by 2050. The potential solar energy that could be used by humans differs from the amount of solar energy present near the surface of the planet because the factors such as geography, time variation, cloud cover and the land available to humans limit the amount of solar energy that we can utilize.

4. The Practice

The institution implemented solar energy practice since 2017. This enabled the institute to reduce the usage of regular electricity. The power requirement of the institution is met by the solar plant to some extent. Altogether the institution contains two solar plants which are sufficient for the purpose of the institution.

5. Evidence of Success

http://ccets.cgg.gov.in//Uploads/files/Recent_Updates/12766.pdf

6. **Problems Encountered and Resources Required**

- The solar plant was installed in the college premises and working good; but sometimes connection problems arise and the technical people are not available locally. So it takes little more time for repair.

II. Eco Friendly Campus

1. **Title of the Practice**

   Maintenance of Eco Friendly Campus

Objectives of the Practice

- The main objective of the Eco Friendly Campus is to create and sustain the green initiatives.
- To contribute to the maintenance of ideal ecological balance.
- To promote the green practice in the college campus.
- To maintain the eco friendly atmosphere.
- To minimize the rate of pollution.
- To make the planet green.
- Plant conservation and sustainability.
- To create and sustain the aesthetic sense in the students.
- To reduce the usage of plastic and polythene in the college premises.
- To adopt paperless office work, to reduce paper usage.

2. **The Context**

In the present context of global warming and alarming levels of pollution, it is important to promote and maintain an Eco Friendly Campus.

A botanical garden is collection, cultivation, preservation and display of a wide range of plants labeled with their botanical names. Botanical gardens are often run by the educational institution and scientific research organizations associated with herbaria and research programmes in plant taxonomy.

3. **The Practice**

The institution takes constructive steps to maintain an Eco-Friendly Campus. Maintenance of greenery in and around the college premises is one major focus area of the practice. Reduced usage of plastic and polythene within the campus is implemented through various measures and by creating awareness among the students through continuous monitoring by all the staff members.

The college also maintains a botanical garden with number of varied plant species. The garden contains several plant species including some medicinal plants, related to the curriculum of Biology students. Apart from the ornamental plants there are some succulent cacti.

4. **Evidence of Success**

    1. The pollution is minimized to certain extent.
    2. Belongingness towards nature is created among the students.
    3. Eco friendly atmosphere is created in the campus.

http://ccets.cgg.gov.in//Uploads/files/Recent_Updates/12822.pdf

5. Problems Encountered and Resources Required

- The plants should be watered during summer.
- The plants must be protected well from the grazing animals.
- Proper compound wall is to be constructed.