

Best Practices

Best Practices: I) QR CODES FOR CAMPUS FLORA
II) Maintenance of an Eco-Friendly Campus.

1. Title of Practice:

QR CODES FOR CAMPUS FLORA

Objectives of the practice:

- To best way to label garden plants and campus flora.
- Each plant information available to know through the barcode of QR.
- QR bar codes scan with mobile to get information about the plant.

Context:

QR code tags on trees. It inform about that specific species of the tree they can give information for particular plant like its characters, scientific name, common name, family its uses and location also. As well as for recoding of plant age, health and valuable information about the plant. Every person can know about the information of every plant through the scanning of the QR code.

Practice and limitations:

If we write about plant in pencil or ink it fades in sun and gets worn away by soil. It can bury the plant label.

Plastic labels can easy to reuse to clean them, rub them with wire wool.

Plant first part of the name identifies the genus which it belongs. Second part the specific name or epithet. So, the scientific species name requires both the genus and specific epithet.

Evidence of success:

https://ccets.cgg.gov.in//Uploads/files/Recent_Updates/110794.pdf

Conclusion:

- This is initial attempt to integrate experiential learning with smart mobiles.
- QR code can store much information with in a small code.
- Mobile QR code barcode accessed through internet network.
- This technology is suited to enhance the visitor experience in botanical garden.

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.