

Best Practice : - 1

(2019-20)

Title of the Practice: Green Campus Initiatives

Objectives of the Practice: --

We have identified the following objectives which are in tune with the practice :

1. To promote awareness of environmental issues among students, staff and society.
2. To achieve better sustainability on the campus and improve the quality of life of all the stakeholders.
3. To conserve water resources through rain water harvesting.
4. To plant rare and medicinal plants on the college campus
5. To implement 3 'R' (Reduce/Reuse/Recycle) policy on the campus.
6. To use renewable energy resources (solar energy).
7. To study and maintain Flora and Fauna on the college campus.
8. To support and implement “Swachh Bharat Abhiyan” for healthy India
9. To organize seminars/workshops, expert lectures etc. on environment related issues.

2. The Context:

Clean environment is the basic necessity for human being for health and efficiency. The main aim of the practice is to impart knowledge, create awareness, develop an attitude of concern and to nurture necessary skill to handle the environment issues and challenges.

The semi urban region and green landscaping of ACS Satral College has the necessary features for shaping and sustaining an eco-friendly campus.

The college is spread over 12.5 acres of lush green area.

The campus is an abode of wild life species such as Horn Bills, Chameleons, Parrots, Squirrels, cats, Owls, Hamming Birds, Sunbirds, Pigeons, Sparrows, and Kingfisher etc.

This has provided the context for initiating and imparting the practice for eco-friendly campus.

3. The Practice:

- The college conducts periodically green audit by external peer. The objective of the green audit is to promote the Environment Management and Conservation in the college campus and introduce and aware students to real concerns of environment and its sustainability.
- We have undertaken a program to label the plants of college campus. The college is developed beautiful campus with lawns, ornamental garden, botanical garden, Cactus garden as well as Tamarind, Amla, teak projects.
- The college has prepared Flora and Fauna of the campus
- The college has been installed Effluent Treatment Plant (ETP) for the treatment of effluent generated from chemistry laboratories.
- Our top management has central recycling and reuse system application for all institutions. Hence our college gives raw glass material and raw papers (raddi) recycling unit of our top management for proper disposal.
- Sign boards/posters are displayed within the college campus for encouraging ideas of plastic free campus and noise pollution.
- The college organizes seminars/workshops, expert lectures etc. on environment related issues
- Led bulbs are installed in college buildings to save electricity.
- **College is observing 'No Vehicle Day'.**
- Fire Safety demo has been conducted under Disaster Management Unit of the institution. It is very important to identify for all significant fire hazards and evaluate the existing control measures.
- Department of Zoology has developed Vermi-composting unit in campus. The objective is to create awareness of the waste management and reduce organic waste from the college campus and produce economically important Vermi-compost.

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- Recharge pits are constructed on college campus for harvesting the rain water and it is beneficial for bore well recharge.

4. Evidence of the Success: -

This best practice has proven to be successful through the following activities:

- Through periodical tree plantation Flora and Fauna on the campus has enriched, which has turn in to eco-friendly campus.
- Awareness campaign for plastic free campus through sign boards/display boards made campus plastic free.
- Through Effluent Treatment Plant (ETP) effluents from Chemistry laboratory are recycled and treated water is utilized for different purposes. This has led to water conservation and minimization of environmental pollution on the campus.
- Vermi-composting units helped us to converts solid waste to organic fertilizers which has minimized the solid waste pollution on the campus.
- **No Vehicle Day helps** us to minimize the air pollution.
- Through workshops/ seminars/expert lectures/ NSS/SWO activities students are made aware of environmental issues.
- Green audit and Energy audit of the campus is done periodically
- A mandatory course on Environmental awareness at S.Y.B.A/B.com /B.Sc level and Green Chemistry Practical's for M.Sc, Part-II (Organic Chemistry) is offered by S. P. Pune University, Pune

5. Problems Encountered And Resources Required: -

While carrying out this practice, following problem are encountered by the college.

- Green Campus initiatives are challenging and require determination and a long-term assurance from all the stake holders.
- Green Campus initiative is an expensive practice. It needs expert advice and investment of resources.
- Minimum financial support from college and various funding agencies.

Less awareness of students and community towards environment.

Best Practice 2

(2019-20)

1. Title of the practice: Initiative for Water Conservation through NSS

2. Goal

- Education about water conservation through community service
- Development of student's personality through community service.
- Creating awareness about water conservation among students and rural people.
- To develop a consciousness among the youth about rural development through water conservation initiatives.
- To strengthen the spirit of service and sacrifice among the young generation

3. The Context

Conserving water is important because it keeps water pure and clean while protecting the environment. Conserving water means using our water supply wisely and be responsible. As every individual depends on water for livelihood, we must learn how to keep our limited supply of water pure and away from pollution. Water conservation is a crucial part of the increasingly important topic of sustainability, as it will help students to focus on social responsibility. Social responsibility is a key component of a sustainable development.

4. The Practice

Organized a lecture on the topic 'water conservation', delivered by Mr. R.S. Bhadakwad, program officer of NSS. Another lecture organized on the topic 'Methods of Water Conservation. Then 150 students and 12 local people actively engaged in building of

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Vanrai Bandhara. This activity required 550 empty cement bags and big stones spreaded outside.

This activity has been conducted by NSS unit of the college. The units are affiliated to the NSS and Student Development Department of Savitribai Phule Pune University

Pune. Total sanctioned strength of students per academic session is 150. The NSS units of the college are very active and the volunteers do organize yearly, regular activity and special camps at different villages where their works and devotion has always endeared them to the local inhabitants. This Year the units worked on the burning problems of BETI BACHAO – BETI PADHAO, SWACHHATA ABHIYAN, Stopping the villagers from defecating in the open etc.

5. Evidence of Success

Due to this water conservation activity, a facility of availability of water has been created for domestic animals. NSS unit of our College has successfully conducted various activities like Water Conservation Drive, Tree Plantation, Literacy Drive, AIDS Workshop, Blood donation Camp.(Photos Attached) The students of NSS Unit has represented our College in State Level Cleaning of campus in every week by staff member, NSS and NCC students , Energy Conservation, Water harvesting, (Recycling), Plantation, Uses of renewable energy sources- Solar Panel etc. are proposed.