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**Green Initiative**

Government College Narnaul, Mahendergarh has demonstrated remarkable performance in the Green Campus distinctive priority and thrust within the institution .With a strong commitment for green and eco friendly campus, the college has taken significant steps to create a safe environment for all the students and staff. Here are some ways to be eco-friendly which are applied in our campus:

1. Conserve Energy: Use of Solar Energy with the help of Solar panels, Reduce energy consumption by using energy efficient appliances and lighting, turning off lights and electronics when not in use.
2. Solid waste management, Liquid waste management the campus : the campus is full of greenery and college always committed to save and maintained every positive effect for the same. Use of plastic cups, plates, polythene etc. is also banned.
3. To implement 'Rain Water Harvesting' on campus, we collected rain water from the college roof and allowed it to percolate into the system, assisting ground water recharge.
4. To maximise the use of ICT and minimise the use of paper and hence promote the concept of "Paperless Office".
5. We have built seating arrangements under the shade of trees on our campus to reduce noise pollution.
6. Plants litter are regularly collected and used in compost pit.
7. To use "Use me" dry and wet dustbins on the college campus so as to keep the college campus clean.
8. Protection and nurturing of the flora and fauna within the campus is given considerable priority.
9. Various activities and awareness programmes are organized to make aware students, staff & society about the water conservation, tree plantation & Environmental protection.

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**Best Practice :** **Green Initiatives *and Environment Friendly Campus***

## Objectives:

* To save human beings from the effects of environmental pollution
* Beautification of the college campus, development and maintenance of lawns and greenery by planting saplings of trees and herbal plants
* To inculcate a sense of responsibility and community work among students and teachers
* Proper utilization of human resources in the college
* To meet the scarcity of supporting staff
* Sensitization of youth towards the maintenance of the ecological system
* To make the campus as pollution-free as possible

Context:

Today, there is a great need for conservation. Because we are facing several environmental problems, the leading cause behind these problems is that human beings are consuming natural resources much quicker than they can be replenished. Pollution is becoming very serious day by day due to deforestation and urbanization. As the Government College Narnaul is situated in a semi-dry area, it becomes a challenge to maintain the greenery in the college. The institution also suffers an acute shortage of regular supporting staff to look after the lawns and water plants, plant new saplings, trim and prune the old trees and shrubs, etc.

The Practice:

Incharges of NSS units and other staff members motivate the students to join various extension activities as volunteers. These volunteers plant saplings, water plants and develop and maintain the lawns, putting in much physical hard work. During the organization of camps and regular social service provided by NSS, the volunteers are free to make decisions on their own under the intelligent guidance of the coordinators of these extension activities for the maintenance of lawns and part of campus allotted to them. This way, these volunteers make the college campus green to maintain the Ecosystem. This also helps the college administration face a shortage of supportive staff.

1. The college has developed a beautiful campus with lawns, a botanical garden, etc.

2. The college has preserved the existing flora and fauna within the campus.

3. Signboards/posters are displayed on the college campus to encourage ideas of plastic-free campuses,

noise pollution, and environmental awareness.

4. The college organises seminars, lecturers on environment-related issues.

5. LED bulbs are installed in the college buildings and the campus to save electricity.

## Evidence of Success:

* Sustained plantation have been developed in college campus and maintained, which are proof of the hard work of students and staff members.
* A Botanical garden has been developed under the guidance of the Department of Botany.
* The college organizes regular tree plantation.
* The college has preserved the existing flora and fauna within the campus.
* Poster Making competitions on environmental themes to spread awareness about nature and natural resources.
* Through NSS/Eco Club, students are made aware of the various environmental issues.
* A mandatory course on environmental awareness at the B.A/B.Sc./B.Com level is taught.

## Problems Encountered and Resources Required:

While carrying out this practice, the following problems are encountered by the college:

* Green and Clean Campus initiatives are challenging, so they require determination and a long-term commitment from all the students and staff members
* The Green Campus initiative is a relatively expensive practice and needs expert advice and an investment of different resources.
* Sufficient human resources are needed to maintain green practices sustainably.
* Less awareness among the students and community towards environmental issues aggravates the problem levels.

Supporting Documents to Green and Clean Campus Practice

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| **Extension & Outreach Programs 2023-24** | | | | |
| **Sr.**  **No.** | **Name of the Activity** | **Organizing**  **Unit** | **Date** | **No. of**  **Students** |
| 1 | Environmental Protection Week | NSS, NCC, WDC, Eco Club | 5-9 June 2023 | All Students,Staff |
| 2. | Cycle Rally | NSS, NCC, WDC, Eco Club | 5-9 June 2023 | All Students,Staff |
| 3 | Plantation Drive | NSS, Eco Club, Ncc  Botany Deptt., Management Deptt., Commerce Deptt. | 6 June 2023 | NSS Students |
| .4 | International Earth day celebration | Geology Deptt | 23-04-2024 | Staff&students |
| 5. | Cleanliness Drive | NCC,NSS | 2023-24 | NCC volunteers |





   