



# Govt. College Kharkhara, Rewari, 123106

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## **Plastic Free Green Campus Policy**

Greening the campus is all about sweeping away wasteful inefficiencies, using alternative sources of energies for the daily power needs, proper handling & disposal of waste materials, acquiring environment friendly supplies and establishing effective recycling mechanisms.

The green campus is the demand of the day, therefore the institute has to work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus.

### **A. Scope of the Policy**

The Green Campus, Energy and Environmental Policies are aimed at creating innovative and new co-curricular and extracurricular understanding among students and to adopt such activities that will inspire students to bring about the changes to suit the ecological balance.

These initiatives demand a comprehensive evaluation and understanding of all administrative, co-curricular, and infrastructure tasks from the perspectives of energy efficiency, sustainability, and the environment and ecology.

This policy's key areas of focus are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives.
- Exploring Alternative Energy sources as well as installation of Energy Efficiency Equipment's.
- Water Conservation measures
- Waste Management measures
- Awareness programmes on environmental protection
- Environmental Audits

### **B. Composition of the Go- Green Committee**

1. Principal of the college- Chairperson
2. IQAC Coordinator- Secretary
3. Faculty Representative nominated by the Principal
4. Student Representative- General Secretary of the college
5. Non-Teaching Staff Representative- Office Superintendent

### **C. Major Green/plastic free campus initiatives:**

Every individual of Government College Kharkhara be he/she, a student, faculty and supporting staff, will work to foster a culture of clean, green and to minimize pollution to provide natural environment for an effective learning experience through NSS Unit, seminars, lectures and workshops as well.

1. Clean Campus Drive. In accordance with the Swachchh Bharat Abhiyan, the college administration actively encourages staff and students to keep campus clean, pollution free and green both in college and beyond the campus. The College administration will take the lead on the clean campus initiatives by proper utilization of the resources, personnel and waste handling procedures and will work throughout the year to ensure long term proper maintenance. The initiatives under this drive includes:

- Generating awareness about cleanliness and hygiene amongst staff members and students through awareness campaigns and cleanliness drives.
- Preserving and taking care of variety of plants and trees existing on the college campus which are a good source of oxygen which also enhance the greenery of the institute.
- Organizing rallies, skits, nukkad natak and awareness campaigns on topics related to the "Swachchh Bharat Abhiyan" which is a key component of all the community work being done by NSS volunteers, periodically.
- Commit to manage waste and maintain clean campus especially during college events.
- Conducting tree plantation programs so as to maintain more eco-friendly and clean environment.
- Felicitations of invited guests for the various programs organized in college be replaced with green plant-pots instead presenting the bouquet of flowers.

2. Clean Air initiatives:

- Encouraging students and faculty and staff members to use electric vehicles or public transport or by using car pool to control pollution.
- Smoking and burning of garbage strictly prohibited in campus.
- The rich natural environment serves to purify the air in the campus.

3. Plastic Free campus: In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use, the institute aims to ban all kinds of plastic use in the campus so as to make it plastic free.

- College administration strictly bans the use of single use plastic in college campus and in all important meetings of the college.
- Advising and instructing students faculty and staff members not to use plastic water bottles, plastic bags, any non-degradable material, and motivating to make more use of cloth and paper bags, paper folders and articles.

4. Landscaping initiatives with trees and plants: It is the essential component of college campus providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Additionally, green campus landscaping controls runoff, aids in groundwater recharging, and purifies campus air.

➤ On our campus there are a number of trees, shrubs, and medicinal plants within and outside the campus along with green cover as a part of the Go-Green Campaign.

➤ Participating in tree-planting campaigns and encouraging student to host tree-planting activities.

#### 5. Alternative Energy sources and installation of Energy Efficiency Equipment

➤ The College believes in reducing the consumption of electricity by utilizing grid connected PV Solar system with net metering for purposes like lighting the campus. These panels are installed on rooftop of the college building.

➤ Commit to install environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies.

➤ All the tube lights and lamps are replaced by LED/Sensor based LED bulbs in classrooms and passages to minimize the energy consumption

➤ Commit to keep lights off in conference rooms, classrooms, lecture halls when they are not in use.

➤ Activate power management features on your computer and monitor so that it will go into a low power “sleep” mode when you are not working on it.

#### 6. Water conservation through rain water harvesting:

➤ Conduct regular checks for dripping taps, leaky faucets, flushes etc.

➤ College has committed to replenish the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

➤ Taking steps to creating a water-recycling system to reuse as much water as possible.

**D. Waste management processes:** Govt. College Kharkhara, takes all the necessary precautions and full responsibility for disposing the waste generated at the college. The agreements are done with various agencies for waste management.

➤ Segregation of waste into dry and wet waste from the separately allotted dustbins is done in strategic locations and handed over to the local municipal vehicle, thus maintaining the campus clean and Eco- friendly.

➤ The waste water mixed with chemicals from laboratories passes through concealed pipe line into soak pits. All waste water lines from toilets etc., is well connected with municipal drainage mains.

➤ All solid waste collected from all around the campus are used for vermicomposting. Vermicomposting so produced is used to recycle solid waste and liquid waste after proper treatment used in gardening.

➤ A stack of paper that has been printed on one side and use it for day to day rough paper work.

➤ Awareness amongst students about reduction of e-waste and making provisions for environment friendly disposal.

➤ Disposal of institutional e-waste by collaboration with e-waste recycling companies to get electronic waste recycled.

### **E. Environment Centric Awareness Activities**

College encourages awareness programs, plantation program and cleanliness drive in and beyond the campus, Celebration of Environmental days in collaboration of National Service scheme and Eco club.

**F. Institutional improvements toward sustainability and eco-friendly behaviors:** In this context the major institutional improvements toward sustainability and eco-friendly behaviors are:

- Waste water management.
- Displayed poster on save energy.
- Maintenance of water bodies and distribution system in the campus.
- Plastic free campus.
- A well maintained Library.
- Organization of sensitization programmes for the stakeholders
- Minimal paper use in the office.
- Usage of greener approach software such as ERP, Soul etc.
- e-Pledges by staff and students.
- Use of online learning management system by the teachers.

