



Utkrisht Mahavidyalaya

**Rajiv Gandhi Government College
Chaura Maidan, Shimla – 4 (H.P.)**

Best Practice – II

**Clean and Green Campus
Initiatives**



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Title of the Best practice:* **Clean and Green Campus Initiatives*

Objective of the Practice:

Concerted efforts have been made by the institution to provide a sustainable and healthy premise for its inhabitants. The objectives of the practice are:

- To promote an eco-friendly Environment alongwith sustainable development.
- To protect and conserve ecological systems and resources within the campus.
- To Maintain Cleanliness and hygiene.
- To continuously improve the efficient use of all resources including energy and water, and to reduce consumption and the amount of waste produced.
- To recognize the cost saving methods by minimizing waste through effective waste management.
- To enhance awareness towards environmental guidelines and responsibilities.
- To maintain plants and trees present in the campus.
- To arrange dustbins with blue and green colour for recycled and unrecyclable waste respectively in view of making students aware about classification of wastes.
- To maintain pollution free campus by avoiding tobacco and plastic (Non degradable)

The Context

In the recent time, the nature is being destroyed rapidly due to excessive use. Therefore, it is immensely important to preserve the nature in all possible ways. A clean and healthy environment is necessary for effective learning. The aim of the practice is to impart knowledge, create awareness on various environmental issues, challenges and its implications. When a student learns about the conservation of nature he or she can also help his/her family and neighborhood by making them aware about the environmental crisis which inevitably leads to be the climate change, ecological imbalance, soil erosion and more. To save the eco system on earth the only possible way is to stop cutting trees and plant more trees. Therefore, Rajiv Gandhi Govt. Degree College Chaura Maidan Shimla-

4 has taken initiatives to free the campus from pollution and plastic waste and maintain the smoke free clean and Green Campus. The purpose the intuition is to initiate natural conservation and raise students understanding the values of environmental recourses.

The Practice

The college has preserved the existing flora and fauna in an around the campus by maintaining suitable environment. The department of Botany has established an in house Nursery of decorative, medicinal plant and flower pots that adorn and conserve in the college campus. Also, it serve educational purpose as student, especially of the department of Botany, could learn botanical names of the plants nurtured in the nursery. The entry of vehicles in the campus is limited. Further, all the college staff/faculty/students members are encourage to use public transport or car pulling to limit the emission. The college has pedestrian friendly path ways to protect ecological systems. College also uses email/messaging services for official communication instead of paper. For clean and green campus college makes use of solar panels on the roofs to generate 23 KWP electricity that can be used in the class rooms and offices. LED bulbs are installed in the college buildings and the campus to save electricity. College utilizes the natural lighting and encourage turning off electronic equipments whenever not in use. Single sided used papers are utilized for writing and printing in all the departments to minimize the wastage of the papers. College has rain water harvesting tank which is also functional. The rain water is directed from the roof of the building into the underground water tank. The collected water is used for non drinking purposes. Waste generated from the trees is major solid waste in the campus. Separated dustbins are provided for wet and dry waste in order to segregate them at the source itself. Various tree plantation and cleanliness drives are organized though clubs and societies. The NSS, NCC units and Eco club of the college deserves special mention for organizing regular campus cleaning campaigns, awareness programme on emerging issues for environmental education. A mandatory course of EVS at the B.A / B.Sc/ B.Com level is taught. The e-waste generated in the college is managed by Shiwalik waste management. Besides, e-waste awareness and collection campaigns have been organized. College has installed incinerators in the girls washroom.

Evidence of success

Environmental Campaigns launched by the college have involved students and teachers from time to time in the tree plantation drives alongside other activities through clubs and societies. They are also made aware of various environmental issues and challenges. The college has got environmental and energy audit through HP State Pollution Control Board, Shimla, HIM URJA and HPSEB (Himachal Pradesh State Electricity Board).The Institution Prohibits smoking, and use of plastic. Clean and green environment consciousness is spread among all stake holders for active participation in maintaining Clean and green environment. No tobacco zone were resulted in low pollution. The rain water collected from the roof of the building is routed to the underground water tank. The collected water is used for cleaning and gardening purpose. The college observes world environmental day and world water day on campus each year by organizing poster making slogan writing etc. The college has composite units and pits for waste management. Eco-friendly campus initiatives have resulted in making the college one of the cleanest areas in the vicinity. MOU was signed with Shivalik waste management to collect the E-waste. Due to this practice there is an increase in plantation of trees in the campus. The practice has developed a sense of social responsibility towards nature.as a result of the awareness created by the college, students started to actively participate in tree plantation through NSS,NCC & Eco club, also they are made aware of various environmental issues.More importantly, students become acquainted with production technique of producing quality seedling and inculcate skills for growing different types of plant conducive to the environment.

Proof of Evidence of Success





Problems Encountered and Resources Required

By carrying out this practice the following problems are encounter by the college:- Clean and green campus initiatives are challenging, as they require determination and long term commitment from all stake holders. Sometimes due to natural forces like heavy rains or excessive heat in the summers plants gets destroyed in the initial stage. The students are initially hesitant to get in the environmental issues and cleanliness drives. However, with the efforts of the teachers an awareness was generated among them and a result they voluntarily started to participate in various cleanliness and plantation programmes. With the help of the administration, students and teachers, we are effectively running the clean and green campus progamme on our campus despite the afore mentioned issues.

Note:- Our College uses social media platforms for the circulating messages. Tobacco and products made of tobacco are strictly prohibited in the college premises. Use of plastic is banned in the campus.