

Tika Ram Girls College, Sonipat

A Govt. aided college affiliated to Maharishi Dayanand University, Rohtak

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Action Taken Report of Clean and Green Campus

REPORT

Green Campus Initiatives

Our college has taken several measures to make the campus green and neat and clean as well. The measures are discussed as below: -

Introduction:

Tika Ram Girls college is well aware about the environmental issues like pollution, climate change, greenhouse effect, depletion of natural resources, etc. In present times it has become imperative to plan meticulously to make people aware about these issues and to undertake necessary measures in the practical field and thereby to address sustainable development. With a view to inculcate Sustainable and model practises in young minds and to apply them into action, our college has effectively implemented the following measures: -

Campus Greenery:

Our college has been organizing Cleanliness Drive regularly in association with the NSS units on different occasions like World Environment Day, Earth Day and during the special functions organized in the institute. Plantation Drives have also been organized time to time in and around the campus in which students and staff members participate with great enthusiasm. College's **NSS volunteers** along with **volunteers of Eco club** maintain the greenery of the campus. Green Campus initiatives by the institute includes Water Conservation, Tree Plantation, Waste Management, and Alternative Energy.

Conduction of Green Audit:

With an object of sustainable development of green resources, our college audits total green belt along with the environmental aspects of the campus with the help of **Empirical Exergy Pvt. Ltd.**

Cleaning the College Campus:

NSS volunteers of the college clean the college campus frequently as a part of their Regular activities. On the occasion of World Environment Day, our college celebrates "Campus Cleaning Day". Our college maintains a clean and concrete drainage system and Rain Water Harvesting management with a concrete outer drain to ensure no water stagnation. A big water reservoir is also there for the purpose of rain water storing and subsequently for harvesting in watering the garden and overflowed water is released via concrete drain connected to the community's pond. The students are made aware by writing slogans on Energy Conservation, Water conservation, Conservation of Greenery etc. and placing them within the campus.


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Creating Plastic Free Campus:

Various measures have been taken to make the campus plastic free. The college canteen has been instructed to use only bio-degradable cups and plates and to use separate bins with a view to dump bio-degradable and non-bio-degradable wastes separately. NSS volunteers regularly sensitize the staffs, students and other members of the college not to use plastic.

Smoking And Chewing Free Campus:

The college is also smoking free campus. It has banned use of all types of tobacco items in the college premises. There are many Display boards warning the message "Smoking is injurious to health".

E-Waste Management:

In the campus there is a proper arrangement of collecting and disposing the E-waste materials from all the departments, Class rooms, and offices to keep all of these in the appropriate designated room to sell them to **Bluenvir, an agency authorised by Haryana State Pollution Control Board.**

Paper Waste Management:

The college collects waste papers from all of the departments, classrooms, library, office etc. and finally sell the accumulated waste papers to the local vendors for its reuse and recycling.

Solid Waste Management:

The college staff members and students are highly motivated and influenced with "Swachh Bharat Abhiyan" run by the Govt. of India. The college administration continuously takes various actions to make campus clean, and to make greenery at all the places. The students are taught the principle of 5'R's [Refuse, Reduce, Reuse, Recycle & Recovery]. A large number of dustbins have been placed in the college building lawn and class rooms for dry and wet garbage. All staff members and students are guided to put the waste material in dustbins. The college sweepers are also strictly guided for cleanliness. They clean all the dustbins every day. Kitchen waste in the Hostel is used as the basic substance for the bio gas unit. Separate dustbin is kept in the canteen and hostel for collection of food waste. The college has policy towards solid waste management to maintain the environment healthy and clean.

Arrangement of cross ventilation to ensure sufficient natural light and to minimize use of electricity:

All classrooms are well fitted with windows to ensure cross-ventilation to make these rooms airy and sunny and resultants of which to minimisation of electricity consumption.

Using LED Lamps:

In compliance with the advice of the **Green Committee and Empirical Exergy Pvt. Ltd. Audit panel** all the florescent bulbs and CFL bulbs have been replaced with LEDs.

Use of Energy Efficient fans, air-conditioner, refrigerators etc.


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In accordance with the resolution adopted in the Green Committee all electrical appliances are energy efficient.

Short-circuit & Water linkage Management:

According to the suggestion of **Green Committee of the college and Audit panel of the Empirical Exergy Pvt. Ltd.**, all electric and plumbing lines are regularly maintained and monitored to avoid any type of mishap caused by short circuit or like this. The Convener of the green Committee keep watch to avoid unnecessary use of electricity, water leakage and water dropping inside campus.

Sensitisation of the students and the faculty:

Various sensitisation programme on energy conservation, water conservation, environment pollution, solid hazards management, environmental degradation etc. are organised in collaboration with the Green Committee and NSS Units of the college.

Awareness on Misuse of Electricity:

The students are advised to switch-off all electrical appliances when not in use.

Conduction of Energy Audit:

With an object of sustainable development of energy resources, every year our college audits to evaluate the energy efficiency inside the campus with the help of **Empirical Exergy Pvt. Ltd.**

Conversion management of organic waste into bio-compost:

The college has bio-composting unit where all organic waste including canteen wastes are dumped and subsequently treated with lime to convert it into manure.

Observance of World Environment Day, Earth Day, Non-vehicle day, Plantation Day etc:

Every year Green Committee and NSS Units of the college celebrate World Environment Day on 5th June, Earth Day on 22nd April, Plantation Day on 21st March, Non-Vehicle Day etc. throughout the year. The Eco-club and NSS volunteers mainly play a pivotal role in plantation throughout the year inside as well as outside of the college campus. As per the resolution of the Green Committee, the College also observes **No Vehicle Day** time to time.

Conduction of Environment Audit:

In order to provide a better understanding of environmental impact to the students as well as the staff members and also making them aware about savings through reduction of resource use, our college conducts an environment audit with the help of **Empirical Exergy Pvt. Ltd.**

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