

5.2. Special Initiatives Taken for

1. Energy Conservation

Energy conservation is crucial for lowering costs on energy consumption and promoting sustainability. Here are some strategies and measures followed for energy conservation.

1. The Energy Club is a professional association explicitly designed for students of the college. The club is efficiently run by the team under the effective administration of the Principal of the college.

https://www.gcdrang.ac.in/Energy_club.aspx

2. The staff and students turn off lights, computers, and equipment when not in use.
- 3..Energy-efficient LED lighting are used in the college building and the faculty houses.
- 4.Students and staff are educated about energy conservation and encourage energy-saving habits and create an energy-conscious culture.
5. Incorporate energy education into curriculum in the form of EVS
6. Solar panels are installed.
7. Use of energy-efficient appliances and equipment, star rated.
8. use of sensor and timer based appliances.
9. Incorporate energy education into science courses.
10. Student engagement and environmental awareness through various programmes and activities.
11. keeping windows open to for natural light and improve indoor air quality and student health instead of using electric lights and fans all the time.

<https://www.gcdrang.ac.in/Facilities.aspx>

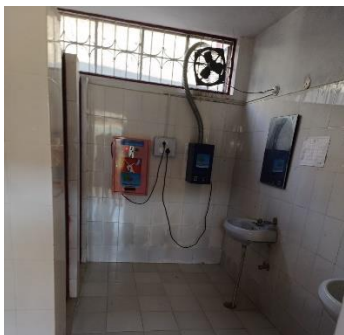




2. Solid Waste

Effective solid waste management is essential for maintaining a clean and healthy environment, promoting sustainability and educating students about environmental responsibility. Comprehensive steps taken for it:

1. Establish recycling programs (paper, plastic, glass)
2. Vermicomposting System- Composting of dry leaves and decomposable waste for worm composting.
3. Promote proper waste disposal to Municipal Corporation.
4. Reduce paper usage (double-sided printing, reuse paper)
6. Avoid single-use plastics (bags, water bottles, straws)
7. Encourage digital communication (email, online notices instead of written communication)
8. Placing recycling bins at various places in the campus.
9. Educate students on recyclable materials
10. Use compost in school gardens or landscaping
11. Labelling waste bins clearly (recycle, compost)
12. Ensure proper disposal of hazardous waste (batteries, electronics), although minimal.
13. Participating in community clean-up initiatives organized by various clubs and societies.
14. Sanitary incinerator is set up in the girl's toilet.



<https://www.gcdrang.ac.in/NCC.aspx>

<https://www.gcdrang.ac.in/NSS.aspx>

https://www.gcdrang.ac.in/Rovers_and_rangers.aspx

https://www.gcdrang.ac.in/Session_wise_details.aspx

3. Rain water Harvesting

Rainwater harvesting is an effective way to conserve water, promote environmental awareness, and reduce costs. Some measures are followed to implement rainwater harvesting:

1. Rain water harvesting system is working in the college which has various components

-Catchment Area: The roof of the building, where rainwater is collected.

-Gutters and Downspouts direct the water from the roof to the storage system.

-Storage Tanks store the collected rainwater which is somewhat above or below ground.

-Filtration System is there fitted inside to ensure that debris and contaminants are removed from

the water before it enters the storage tank.

-Distribution System contains pipes that transport the stored rainwater to where it's needed, such as ground and gardens.

Benefits

-Water Conservation helps reduce dependency on municipal water supply and conserves precious water resources.

-It is a cost saving method to lower water bills by utilizing collected rainwater for irrigation and sometimes flushing toilets.

-It provides a hands-on learning opportunity for students about sustainability, ecology, and water management.

-It reduces runoff and helps prevent flooding and erosion around the college property.

-Rainwater harvesting system helps to develop models of sustainability while enriching the educational experience for students.



4. Plastic Free Campus

Creating a plastic-free campus is an important initiative to promote environmental sustainability and educate students about the impact of plastic waste. Here are some steps and strategies to achieve this goal:

Various steps are taken to make a Plastic-Free Campus

1. Eco-clubs is created which focuses on sustainability and reducing plastic use.
https://www.gcdrang.ac.in/Vasundhara_eco_club.aspx

2. The Government of Himachal Pradesh on July 30, 2022, issued a notification regarding the imposition of ban on use of plastic carry-bags. The college adheres to the guidelines regarding ban on plastic and no plastic bags and other articles are used by the staff and students in the campus.

3. We promote alternatives like:

- reusable water bottles are encouraged to be used by students. In addition to this

Water filter is installed in the staff room and coolers are installed for students around the campus.

- The staff uses reusable lunch boxes and containers instead of plastic wrap and bags.

- If food services are involved we switch to compostable or biodegradable packaging where possible.

- Botanical garden model is established to reuse plastic for aesthetic utility

- Students make various articles to promote reuse of plastic. Art Projects are encouraged for students to create art from recycled materials to raise awareness about plastic waste.

5. Awareness Campaigns are organized for plastic free environment

- to educate students and staff about the impacts of plastic pollution.

- to share tips on reducing plastic use in daily life.

- student-led initiatives, such as clean-up drives or awareness projects.

4. EVS is the part of curriculum which provides insight on plastic and its effects

Creating a plastic-free campus is not only beneficial for the environment but also helps

instill a sense of responsibility and awareness in students about their impact on the planet.



Google
Narta, Himachal Pradesh, India
17659-502, Narta College Rd, Narta, Himachal Pradesh 176012, India
Lat 31°36'11.83"
Long 76°02'53.37"
21/08/24 01:15 PM GMT +05:30

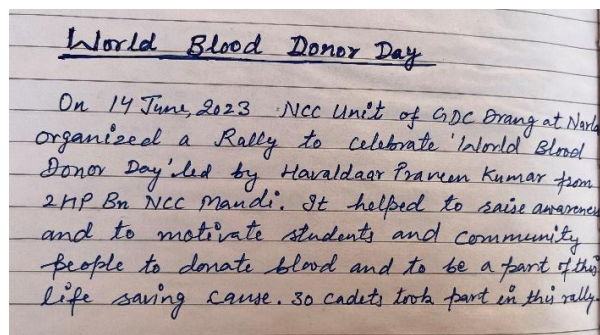
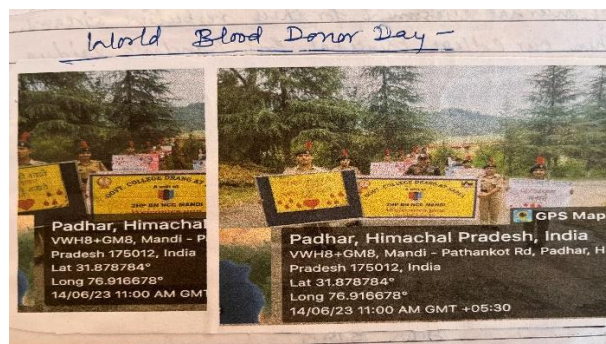




6. Blood Donation Camp

A Programme was organized on Blood Donation to make students aware about - the importance of blood donation that how it saves lives,

- support patients with blood disorders,
- support mothers during childbirth
- and foster a sense of community service.



7. Adoption of Village

Village Jundhar is adopted by the college which is an initiative to foster

- development of the village
- community engagement
- social responsibility
- develop student's social and emotional skills and responsibilities
- promote sustainable development

-enhance village livelihood

-better understanding of rural challenges and opportunities

-development of leadership and teamwork skills

