

DYAL SINGH COLLEGE, KARNATAK



Established in 1949

NAAC Re-Accredited Grade 'A'
ISO 14001 and 9001 Certified

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ENERGY, ENVIRONMENT, GREEN AND WASTE MANAGEMENT POLICY

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The environment-friendly practices of the college are excellent. Crowded with trees and plants, the campus is a real treat eyes. Celebrating nature's gift has always been our way of life. The college works towards responsible living by contributing towards what we get in abundance from Mother Nature. The institution strives to develop a green campus and disseminate the

eco-friendly culture to the nearby community through various policies, programmes and events.

We earnestly believe that an environment that is clean, green, and pollution-free is the perfect setting for a successful learning experience. Consequently we make concerted efforts to create a green ecology in order to provide a healthy environment to the students. As an academic institution, our emphasis lies on the prudent use, conservation, and strategic sustenance of its resources.

The Pivots of Environmental Policy

1. Energy conservation programmes
2. Waste management programmes for biodegradable as well as non biodegradable materials
3. Water conservation programmes
4. Green campus initiatives
5. Quality audits on environment
6. Environmental promotion programmes beyond the campus

Green Campus Policy

Green Campus Policy is committed to minimize the impact of pollution on the environment and reducing by using green technology and create awareness among the staff members and students.

Green-Campus Policy offers the opportunities to:

1. Create a campus where administration, staff, and students may come together and discuss environmental issues and concerns.
2. Include more members of the campus community in the discussion of environmental issues.

3. Enhance student confidence and a sense of responsibility through participation in environment-related programmes and by introducing them to the fields of sustainability and environmental protection.
4. Enhance the environmental quality of the campus, lower environmental risks and consequences.
5. Lead by example in the neighbourhood, mentor local stakeholders, and engage them in protecting the environment.
6. Create sensitisation among staff members and students.
7. The college works under the motto "Save Energy" every day.

Energy Conservation / Energy Saving Initiatives

1. The architecture of the college building is helpful in the conservation of natural resources and energy.
2. Provision of large windows encourages natural light in the classrooms and makes use of wind and buoyancy to draw in fresh air.
3. The users are to turn on power management features so that their computer and monitor enter a low power "sleep" mode when they are not using them.
4. The users are guided to turn off their monitors before leaving their desk.
5. The users are motivated to enable the printer's power management functions.
6. The users are guided to shut down the computer rather than sign off whenever possible.
7. Turning off superfluous lights and substituting natural light or daylight.
8. Making use of LED or CFL lamps.
9. Using fans only when needed.

Degradable and Non-Degradable Waste Management Initiatives

The college community is well aware of the importance of the proper disposal of the waste produced in campus. All sorts of garbage accumulated in the college is effectively treated through cooperative efforts. The institution manages all types of garbage according to the 3R Principle: Reduce, Reuse, and Recycle. Students are often provided the proper awareness regarding this.

Solid Waste Management

1. Waste disposal bins are placed in the classrooms, staff rooms, laboratories, utility rooms, and other strategic locations.

2. Degradable and non-degradable waste is collected separately in various containers for the treatment of solid waste.
3. In the labs, the indiscriminate use of chemicals is discouraged.
4. The non-biodegradable waste, is regularly collected by the municipal workers.
5. For the treatment of degradable waste, the college maintain a Vermi Compost pit, which turns bio-waste into organic manure.
6. In the Girls Common Room, Sanitary Napkin Incinerator has been installed for the proper disposal of sanitary napkins.
7. The college has established a "Green Protocol" and adheres to it while holding major or official activities.
8. The use of plastic water bottles is avoided during events and other official programmes. The dignitaries are given water in steel/glass bottles.

Waste Management of Liquids

1. To manage the liquid waste produced by the restrooms and the canteen, the college has a well-designed drainage system.
2. Sewerage system with a network of underground pipes is there for transporting the waste water.
3. The campus is equipped with a sufficient supply of drinking water. Water waste is minimised through effective monitoring.
4. Taps, drainage systems, and water pipelines are checked periodically and repaired in order to regulate water usage in an effective manner.

Management of E-Waste

E-waste (Electronic Waste) is waste arising from end-of-life of electronic products. It is one of the fastest growing types of waste in the world today.

1. The college community is very well aware of the dangers associated with an e-waste build up. Every effort is made in order to reuse the computers and other electronic devices.
2. Excessive electronic equipment purchases are discouraged.
3. To prevent the unnecessary acquisition and accumulation of electronic things, strict monitoring, checking, and repairs of electronic equipments are made.
4. Measures are taken to limit e-waste by regular maintenance of hardware .
5. Reusable components are segregated and applied to different systems. Batteries and damaged computers are safely disposed of by independent organisations.

6. The students are made to understand that the growing problem of e-waste calls for a greater emphasis on recycling e-waste and better e-waste management. They are motivated and guided to play their part in this context.

Initiatives for Water Conservation

Water is a valuable resource, even if it is not endless and flows freely from the tap. As a result, we must work toward waste water management. The college constantly contributes in this direction.

1. Appropriate provisions for water recharging and rain water harvesting have been made where the rain water is collected that recharges the ground water level. This helps in waste water management and rainwater harvesting.
2. Sensitization is done through guest lecturers who are specialists in watershed management, rainwater collection, and sustainable water saving methods.
3. Students are motivated to conserve water not only in the campus but also in their day to day lives. They are guided to contribute to water conservation. They are motivated to adopt some easy but important ways for conservation of water:
 - Keeping the taps closed when not in use.
 - Checking for the openings or leakages in water distribution pipes
 - Not using more water than necessary.
 - Avoiding the wastage of water by working for rain water harvesting.

Green Initiatives in Campus

1. Green landscaping with trees.
2. Improving the green spaces in the college campus.
3. Putting signs illustrating environmental preservation and concern.
4. Prohibiting the usage of plastic in the campus.
5. Celebrating days that are significant for the environment.
6. Students plant seedlings to add to the existing greenery of the campus and to foster a sense of appreciation for the natural world.

Audits of Environmental Quality

With the help of a green audit, we can identify where and how we consume most of the energy, water, and other resources. From there, we can think about the ways to change things and save money. In order to better waste minimization plans or start recycling projects, it can also be used to determine the type and volume of garbage. Green audit and the application

of mitigation strategies benefit the college, the students, and the environment. Besides, it increases environmental awareness, ethical behaviour, and health consciousness. It helps employees and students understand the effects of going green in the college campus. Green auditing encourages financial savings through using less resources. It offers students and teachers a chance to build a sense of personal ownership and social responsibility.

The college consequently promotes conducting a self-study on improving campus sustainability and greenness through environmental quality audits.

Beyond the Campus Initiatives to Protect the Environment

Our students constantly take part in a variety of projects that go above and beyond campus environmental advocacy. They take part and get involved in Swachh Bharat programmes launched by Government of India.

All the students in general and NSS volunteers and NCC cadets of the college in particular very actively participate in the initiatives taken and programmes conducted for environmental protection not only by the college but also by various organisations, NGOs and other agencies. The basic motto upheld by our students is to “Save Environment” and they are always ready to undertake any task assigned to them in this regard.

The social community as a whole has benefitted from campus clean-up campaigns, numerous extension activities, and outreach programmes.

The college has most earnestly been following the dictum used by the Father of the Nation, Mahatma Gandhi. **“Earth offers enough to satisfy every man's need, but not every man's greed.”**

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