



स्वामी श्रद्धानन्द महाविद्यालय
(दिल्ली विश्वविद्यालय), अलीपुर, दिल्ली-110036
Swami Shradddhanand College
(University of Delhi), Allipur, Delhi-110036

Ref. No.

Dated. 21-12-2020

ENVIRONMENT POLICY

Swami Shradddhanand College is committed to achieve the goals of sustainable development by endowing constant efforts to restore natural ecosystems. To create ecofriendly environment in the campus, the college has formulated the Environment Conservation Policy which strictly adheres to the standards required for environment management and control of pollution.

Objective of the Policy

1. To Provide safe, healthy and pollution free environment to the students, staff, and the nearby society.
2. To conserve all the basic components of life i.e., Air, Water, Soil and the whole environment.
3. To abide by the environmental laws stated by the constitution of India i.e. Air (Prevention and control of Pollution) Act, 1981 and 1986, Water (Prevention and Control of Pollution) Act, 1974 and 1977 and Environment Protection Act, 1986.
4. To promote the 3 R approach; Reduce, Reuse, Recycle.
5. To execute and participate in the government and non-government environmental protection program at regular intervals.
6. To promote plastic eradication programs and to move in the direction for zero plastic zone.
7. To carry out plantation and cleanliness drives regularly.
8. To celebrate the important environmental days for bringing awareness among students and society.
9. To improve the infrastructure for managing the environment and creating the campus disable friendly.
10. To invite eminent personalities for delivering valuable environmental lectures and innovative research information for controlling pollution and climate change.
11. To work positively for reducing carbon footprint by considering the possible key areas.
12. To teach and create awareness and ensure the upliftment of society towards safer environment.

Principal

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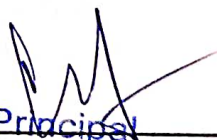
13. To teach and create a sense of awareness among students through lectures and counseling sessions with a real and practical approach.
14. To develop interest among students to understand the importance of quality life.
15. To monitor progress in cleanliness and sanitation management, greenery management, energy conservation, and water conservation regularly.
16. To Speed and accelerate the decision-making skills of students to work for the protection of Green Campus and subsequently Green Nation.

Scope of the Environment Policy

The “eco-friendly activities” and various such practices inculcates the “Ethical and Moral Values” in students which are essential for conserving our environment. The Green Campus and Environment Conservation Policy of SSN College encourages students and staff to play a lead role in Nation buildup by conserving the resources and restoring the ecosystems.

SSN Environment Policy focuses on various Key areas:

1. **Alternative Sources of Energy and Energy Conservation Measures**
 - Installation of Solar Powerplant
 - Installation of Energy Efficient Equipment in Labs
 - Use of LED bulbs and tubes for saving electricity
 - Ensuring abundant sunlight in working areas
 - Use of photovoltaic solar lights/sensor-based lights on the open pathways.
 - Use of energy saving and energy efficient star rating electronic items
2. **Solid Waste Management (Management of Degradable and Non-degradable Waste)**
 - Collection and segregation of biodegradable and non-biodegradable waste
 - Composting of biodegradable waste
 - Recycling of Scraps
 - Recycling of used papers
 - Liquid Waste Management
 - E-Waste Management
 - Hazardous Waste Management
 - Biomedical Waste Management
 - Energy Conservation Signboards


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3. Water Conservation Measures

- Water conservation by using efficient sanitary items and water-saving equipment in the washrooms and labs
- Regular monitoring of leakage and loss of water
- Rainwater/Rooftop harvesting system
- Drainage channel to collect rainwater
- Open Well recharge/ Borewells
- Construction of storage tanks and Bunds
- Wastewater recycling and using RO wastewater
- Installation of Water Meter to monitor the consumption of water
- Water conservation signboards
- Septic Tank/sedimentation
- Wastewater treatment

4. Green Campus Initiatives

- Organizing regular plantation drives, cleanliness drives and awareness campaign
- Ban on Single use Plastic and ensures plastic free Campus
- Celebrating important Environmental days
- Executing programs promoted by government for protecting environment
- Collaborating with NGO for promoting environmental development programs
- Promoting 3 R approach
- Organizing lectures, trainings, workshop and conferences regarding environment sustainability.
- Participating in Swachh Bharat programs and activities
- Maintaining of Saghan Vann, botanical and herbal gardens
- Continuous pruning and watering of plants and trees for creating attractive landscapes
- Enriching the soil by natural compost, proper naming, and numbering of trees

5. Clean Air Initiatives

- Restrict the entry of vehicles inside the college premises
- Prohibit smoking and ensure antitobacco atmosphere in the campus
- Promoting public transport
- Planting native trees which produce high oxygen
- Indoor Plants for creating healthy atmosphere inside
- Growing green belt of thick vegetation to avoid noise pollution from vehicles
- Fountains in lawn to enrich the humidity and controlling particulate matter and aerosols

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- Restrict burning of solid waste in the premises and nearby college
- Proper ventilation in classrooms, labs, library, corridors, and staffroom
- Exhaust fans in labs and washrooms

Environment protection in SSN College campus

SSN College campus is equipped with a rooftop, on grid solar power plant with a capacity of 50 KW. The solar power plant was installed in November 2020. After installation of solar power plant, the expenditure on electricity bill is reduced by one fourth. Signboards are placed at various places in campus to save electricity. All the Classrooms, labs, Library, administrative block, staffroom, and corridors are lit with LED bulbs and tube lights to save electricity. Photovoltaic Solar lights/ sensor-based lights are fixed on the open pathways and roads in the premises. Rooms and corridors have abundant natural light and are properly ventilated.

Total area of college is 37667 m², build up area 7783 m² and total green area is 12399 m², So the total area covered by the college campus is approximate 10 acres and the buildup area is only one 20% of total area. The rest of the area has lawns and a playground. The open area helps in recharging the groundwater. There is a tank made in the lawn for rainwater harvesting which further recharges the ground water. Both groundwater and Delhi Jal Board water supplies are used to fulfil the water demands. Water meter is installed to monitor the consumption of water. Gardening is done through ground water and RO wastewater. Centralized RO plant is placed on the roof. The wastewater of centralized RO plant is used for flushing in toilets. There are 20 plastic tanks and one underground tank for storage of water around 50,000 litres capacity in the college campus.

SSN College campus has rich flora and fauna. More than 400 trees of 66 different species are present in the new campus. Besides the open lawns, the campus has botanical garden, herbal garden and Saghan Vann. All the trees are properly labelled and named. Landscape is well maintained with the regular pruning and cutting of the twigs and hedges. The potted plants contain all varieties including succulents, cacti and flowering plants. The campus has variety of fauna including honeybees, butterflies, moths, squirrels etc.

All types of waste, biodegradable, and non-biodegradable, is segregated in the college campus for proper management and disposal. Students are sensitized through various programs such as cleanliness drives and seminars to aware them about the importance of cleanliness and waste management. The college has the facility of a composting unit where all biodegradable waste is collected and processed. Separate bins of different colours are placed in the campus at various places for collecting the waste. The biodegradable cutlery and refreshment boxes are used for serving the eatables during programs and various events organized in the campus. Signboards and guidelines for disposal of different types of solid waste are mentioned properly

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in the laboratories and other places. Separate bins are designated for collecting the E waste and recycling paper. E waste and Paper recycling is done on regular basis with the collaboration of NGO. NGO, "Jaagruti" has done MOU with the College for recycling the papers. Scrap recycling is done through inviting quotations on website. Liquid waste from the lab is carefully collected and dumped in the pits separately. A septic tank is there in the campus to collect the waste from labs, toilets and pantries. **Proper guidelines are displayed in labs** for managing the Harmful and hazardous waste.

The Institution is dedicated for creating an all-encompassing and reachable environment that prioritizes individuals with disabilities. **The physical infrastructure incorporates well-designed ramps for effortless classroom entry, along with considerably planned washrooms catering to disabled needs.** The campus boasts an extensive assortment of signage, featuring tactile pathways, illuminating lights, informative displays, and guiding signposts, collectively enhancing navigation. Furthermore, the Institution has embraced modern technology, providing various supportive tools and amenities, such as an accessible website, screen-reading software, and specialized mechanized devices.

The college has active **Eco club/Environment society and Garden Committee** which organizes and execute various environmental seminars, awareness programs, competitions, workshops and plantation drives on regular basis.

Broad Vision of Environment Policy

The overall vision of the policy is to maintain healthy ecosystems to create noble minds, who will further endeavours to sustains and preserves the wholesomeness of environmental resources for future generations. It aims in providing clean and safe environment to the students, staff and the nearby society. The policy ensures in providing quality education and motivating students for creating better tomorrow.


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