



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



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Policy on Energy Usage for Clean Environment

Swami Shradddhanand College has formulated its own Environment Policy which strictly adheres to the standards required for maintaining clean and green environment. For this the college is committed to achieve the socio-economic and environmental dimensions of 17 SDGs by endowing constant efforts in developing alternate source of energy. The college has the belief to design the institutional activities for the clean and safe environment.

Objective of the Policy

1. To Provide clean, pollution free environment in the college campus and conserving the resources for future.
2. Maintaining ISO: 14001 environmental management systems as well as an ISO: 50001 energy management system.
3. To develop renewable and alternate sources of energy in college campus.
4. Actively work in the areas of environment, energy efficiency, and sustainable development
5. Raising awareness about clean and green campus
6. Establishing sustainable practices in campus in collaboration with the stakeholders.
7. Taking ecofriendly initiatives (Plantation activities, awareness drives)
8. Enriching Practical experience with the help of workshops, training and seminars.
9. Inculcating environmental ethics for preserving the resources
10. Conducting internal and external audits to identify areas for improvement and make recommendations.
11. Establishment of an environment/green committee to oversee eco-friendly projects on campus and in the surrounding area.
12. Promoting innovative technologies to make efficient use of energy resources.
13. Use of renewable energy sources and optimizing energy usage and costs.
14. Promoting the 3 R approach; Reduce, Reuse, and Recycle
15. To execute and participate in the government and non-government environmental protection program at regular intervals.
16. To work positively for reducing carbon footprint by considering the possible key areas.


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17. To teach and create awareness and ensure the upliftment of society towards safer environment.

Scope of the Policy

The energy usage policy for clean environment focuses on the overall development of infrastructure in college which favours the conservation of resources for future. It promotes the ecofriendly environment in the campus. Energy conservation practices inculcates the “ethical and moral values” in students. It also encourages the students and staff to play a lead role in Nation buildup by conserving the resources.

Policy focuses on various Key areas:

1. Developing Alternate Sources of Energy and Energy Conservation Measures

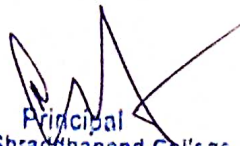
- Installation of Solar Powerplant
- Installation of Energy Efficient Equipment in Labs
- Use of LED bulbs and tubes for saving electricity
- Ensuring abundant sunlight in working areas
- Use of photovoltaic solar lights/sensor-based lights on the open pathways.
- Use of energy saving and energy efficient star rating electronic items
- Use of ISI standards equipment
- Avoiding the standby mode of electrical equipment as much as possible.

2. Green Campus Initiatives for energy conservation

- 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

3. Reducing Carbon Footprints by energy conservation

- Encourage the implementation of carbon-reduction measures.
- Energy-efficient green building designs
- Implementing the Reduce, Reuse, and Recycle (3 R) approach.
- On-campus “No Vehicle Day” and the use of electric vehicles.


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- Use of energy-efficient lighting and equipment.
- Restrict the entry of vehicles inside the college premises.
- Promoting public transport
- Indoor Plants for creating healthy atmosphere inside the premises.
- Restrict burning of solid waste in the premises and nearby college.
- Promoting green cover and plantation activities

4. Ethical Efforts for Energy Conservation


- Using signboards for reducing the usage of energy
- Guiding the students for efficient energy utilization
- Creating awareness about the importance of energy conservation
- Building the wide prospects of energy conservation
- Developing the habit of 3 R approach
- Celebrating important environmental days

Energy Conservation Efforts done in SSN College campus

SSN College campus is equipped with a rooftop, Ingrid 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 reduction in one fourth bill of electricity is observed. 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. Three-to-five-star rating equipment are used in labs, classrooms, libraries and staffrooms. ISI marked electronic equipment are purchased for labs and other usage purpose. 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. SSN College campus has rich flora and fauna which provides clean and safe environment. 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.** The green area helps in maintain the soothing atmosphere which naturally energizes the building and creates positive vibes among students and staff.


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.


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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 the 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.



(Prof. Parveen Garg)
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