

Energy Conservation Policy

Introduction

Dev Samaj College of Education, Chandigarh was established under the aegis of Dev Samaj Society in 1981 with a mission to bring reforms in society through women education. It is a premier institution of North India championing the cause of Teacher Education with courses like B.Ed., M.Ed., Post Graduate Diploma in Guidance & Counselling, Post Graduate Diploma in Child Guidance & Family Counselling, Diploma in Nursery Teacher Training (DNNT), Nursery Teacher Training (NTT) and Yoga Teacher Training (YTT). The following attributes highlight the eminent position of our institute in the region:

- Government aided institution, affiliated to Panjab University, Chandigarh and Recognised by UGC
- First college in northern region to be recognized by NCTE in the year 1997
- Accredited and reaccredited by NAAC thrice: -in 2002 with Four Star status, -in 2010 with highest 'A' grade and -in 2017 with 'A' grade with an improved CGPA of 3.22

Scope of the Policy

The policies and initiatives for the conservation of energy, environment and green campus activities will develop a positive attitude towards nature and will create challenge for protecting our resources amongst the prospective teachers. Being the future nation builders of the society, the student teachers are expected to disseminate the same to the young generations of the schools through various activities.

Objectives of the Policy

1. To make student teachers understand the importance of environment and its problem areas.
2. To educate student teachers to create awareness amongst public.

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3. To protect and conserve ecological systems and resources within and outside the campus.
4. To work with the local community to enhance the environment protection practices and energy conservation strategies among the rural community.

Policies at a Glance

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Preamble:

Environment-friendliness and energy harvesting are of prime interest today which are the key factors in achieving Sustainable Development Goals (SDGs) for any organization. Keeping these factors in specifying energy policy of Dev Samaj College of Education, Chandigarh, we presume that it is in accordance with the prescriptions of National Institution for Transforming India (NITI) Aayog with reference to support for renewable energy resources. Another factor of significance is rapidly and dynamically increasing energy demand. Since conventional sources cannot meet this requirement easily, DSCE has incorporated establishment of alternate energy sources in the form of establishment of 100 KW rooftop Solar Power plant from CREST UT Chandigarh. DSCE energy policy also has taken an efficient energy management and conservation through good established procedures specified in its policy.

Statement

The Energy policy of DSCE monitor, conserve and manage the energy needs of the campus with the growth in the energy demands of the institute; It is the responsibility of the institute in creating awareness among the students and staff about the energy conservation measures. Maintain the efficiently utilize the Electrical Energy with maximum utilization of Renewable solar power

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Generating system and optimal consumption of lighting load with the proper energy conservation measures in the campus. Also maintain green energy campus with utilization of energy management system.

Objectives:

The following objectives will lead to the implementation of DSCE Energy policy

1. Improvement in Energy efficiency to reduce Energy consumption and cost.
2. Minimize the energy consumption by use of energy efficient equipment. and maximize use of day light and natural ventilation.

Action Plan:

Dev Samaj College of Education is committed to maximize energy conservation procedures through various measures.

1. Form a committee to monitor and check wastage of energy in the campus.
2. Conduct Green Audit once in a year.
3. Maintain the Energy needs of the campus with back-up power supply system for supplying uninterrupted energy demands.
4. Establishment of energy efficient utilization measures in the supply, demand systems as part of energy management of the campus.
5. Replacement of the existing conventional lighting with the LED lamps.
6. Monitor the electricity bills for the efficient utilization of solar power plant installed in the campus.
7. Create awareness among the students and staff in energy conservation and management by the Eco-club of the college.
8. Encourage students and staff to be energy efficient by encouraging vehicle pooling and use of bicycles.
9. Organising expert lectures in the area of energy conservation.
10. The Institute shall continuously review and update the approved policy and is committed to its implementation.

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11. Solar panels were installed on the roof top of the college building to minimize the use of non-renewable source of energy.
12. Awareness programmes including energy campaigns and measures for energy conservation procedures for sustainable development is disseminated in the community as a practice.
13. Directions are given to students are given for the proper utilization of the electronic devices in the institution. Ensures all the institutional electronics are turned off when not in use.
14. Reduce e-waste to maximum with proper maintenance, before moving on to Replace & Recycle stage.
15. Use of energy efficient, star labelled equipments for various purposes.
16. Students and faculty members are given adequate training for energy audit procedures for sustainable institutional and household energy conservation.

