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**DR. SUDHIR CHANDRA SUR INSTITUTE OF  
TECHNOLOGY AND SPORTS COMPLEX**

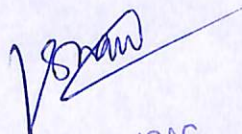

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540, Dum Dum Road, Suremath, Kolkata- 700074, West Bengal



**Policy for  
Green Campus  
(W.e.f 2021-22)**

Revised and Approved by BOG  
Dated on 03/07/2021  
Under Agenda No. 3

Ref. No: <u>DSCSITSC/POLY/ 2021-22/26</u>  Issue No- <u>4</u>	Compiled & Checked By:   <b>(IQAC Convener)</b>	Approved By:   <b>(Principal)</b>
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Coordinator, IQAC  
Dr. Sudhir Chandra Sur Institute  
of Technology and Sports Complex  
540, Dum Dum Road, Kolkata -700074

PRINCIPAL  
Dr. Sudhir Chandra Sur Institute  
of Technology & Sports Complex  
540, Dum Dum Rd, Kolkata-74

# Policy for Green Campus

## Objectives:

- Ensure responsible use of ecological assets to address concerns and desires of the present and future.
- To integrate natural concerns into social occasions and effort exercises.
- Collaborate with all partners and the local community to raise issues, promote natural good practices, and reduce climate-damaging effects.
- Constantly work on our commitment to environmental insurance, change, and asset preservation.
- Constantly improve usage, including energy and water, and reduce waste delivered, recovering and recycling waste whenever possible.
- Detoxification (no plastic).
- Lead natural and energy reviews.
- Reduce paper usage in the organization by using an E-administration plan.

## Salient features of the Policy:

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (DSCSITSC) envisions a Clean and Green Campus where education and environmental awareness are combined to promote sustainable and eco-friendly behaviors on and off campus.

The Institute safeguards and maintains a pollution-free green and clean campus through green campus programmes. The Institute is committed to managing its campus in a way that promotes a sustainable environment. The Green Campus Policy formally implements these responsibilities.

## Main Points of the Policy:

- Initiatives for a Clean Campus Initiatives in Landscaping
- Initiatives to Improve Air Quality: Smoking free Campus.
- Infrastructure:  
Non-Conventional Energy Sources: Solar Street lighting,  
Energy efficiency equipment installation,  
Pollution-free bicycles, etc.
- Water conservation is achieved using a rainwater harvesting system.
- Waste management procedures.
- Plastic-Free Campus
- Paperless Campus
- Green Audit
- Energy Audit
- Environment-centric Student Societies and Department Activities
- Awareness Program

### Policy for Clean Campus:

The Institute pledged to properly organize tidiness exercises as per the vision of Swachh Bharat Abhiyan, in the institute and surrounding grounds. It decides to continue the Program.

The broad vision is as follows:

1. Organizing regular neatness drives to raise student and staff awareness of tidiness and cleanliness. The goal is to get them to take initiative.
2. The college's NSS, NCC, and Green Society volunteers will start and continue Swachh Bharat Abhiyan activities.
3. All associated folks are always welcome to join the college campus tidiness initiative.
4. On the theme of 'Swachh Bharat' will be organized contests for banners, trademarks, articles, poetry, speeches, and plays
5. On and around the college campus, Swachh Bharat Abhiyan rallies will be held to raise public awareness.
6. Removal of waste materials such as broken furniture, unsuitable gear, and so on is an important part of the procedure.
7. Annual pledge by students and staff to keep the college campus and its environment tidy.
8. Conduct workshops on the 3Rs: Reduce, reuse and recycling of waste.
9. Commit to waste management and a clean campus during college events.

### Landscaping Policy:

The grounds, like its buildings, can be seen as a representation of a college's qualities. For contemplation, play, outdoor events, relaxation, and aesthetic appreciation.

Landscape programmes are a fantastic approach to raise environmental awareness because campus landscapes are so visible and accessible.

On campus, there are more than 500 trees and 1000 bushes, as well as 5 acres of grass. The landscape of trees and plants provides clean, cool air for the 2000+ students and staff, as well as a relaxing atmosphere.

Encouraging student organizations to organize tree-planting events.

Greenery also controls runoff, recharges groundwater, and purifies and cools the air.

The scene depicts the grounds local area's obligation to supportability.

Drives are a great way to build consciousness about the climate because they are so visible and accessible.

Institute's extensive green cover also supports a diverse range of animals and uncommon birds, resulting in a campus rich in biodiversity. By enriching this healthy ecosystem and maintaining the institution's symbiotic relationship with nature, the college pledges to maintain its symbiotic relationship with nature.

The Institute promotes this healthy relationship with nature by organizing yearly tree ranch drives and encouraging understudy social orders to grow trees.

### Clean Air Policy:

Our students and employees are encouraged to take public transportation. We promote carpooling to college to reduce pollution while also increasing social engagement. Automobile access is restricted on campus to discourage the usage of personal vehicles.

The lush natural landscape not only purifies the air on campus, but also serves as an

  
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extension of the city's green lungs.

Vehicles entering the campus are frequently examined for pollution control certificates. Institute promotes to use the e-bicycle by the faculty, staff & the students in the college campus. The college provides bus services for students, teachers, and non-teaching personnel.

**Smoking Free Campus:** The college forbids smoking and the use of other tobacco products in accordance with the National Tobacco Control Programme (NTCP) 2007-2008 framework. Tobacco usage and smoking are severely prohibited on and around campus as a first step in this direction. The college's anti-smoking committee guarantees that the anti-smoking policy is followed.

#### **Infrastructural Initiatives**

##### **Non-Conventional Sources of Energy:**

The institute is committed to reducing and managing its electricity consumption in a sustainable manner. The college is committed to *minimizing non-renewable energy usage* by transitioning to clean energy sources such as **solar energy** for purposes such as lighting the campus.

##### **Energy Saving and Energy Efficient Equipment**

We pledge to install environmentally efficient electrical appliances that conserve energy and reduce waste. Cleaner energy, such as LED lighting, is valued at the college.

##### **Water Conservation through Rainwater Harvesting System**

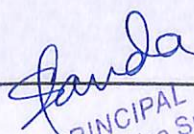
DSCSITSC has devoted itself to this endeavor to restore the groundwater table by practicing rainwater collecting as an institution located in West Bengal's North 24 Parganas district, which has suffered the greatest drop in groundwater levels. Groundwater replenishment and recharge are aided by this method.

##### **Pollution free Bicycles:**

To reduce the net carbon emissions (29% of the net emissions come for the conventional combustible engines) in our Institution, we are implementing a change in vehicle usage within the campus. Students, staffs, and all stakeholders are being encouraged to use more Electric Bikes/ Vehicles thus contributing towards to create a pollution free campus. We have already developed some Electric Cycles which are now being used for trail basis to ensure more safety than the usual vehicles within the premises. If it is successfully implemented, then this will help reduce the transportation cost of the Institution as the Electric Vehicles are 50% cheaper to maintain. We are also focusing on installing charging stations within the campus to look after the commuters inside and outside of the Institution, generate revenue along with moving forward towards a sustainable future.

#### **Waste management policy:**

Institute aspires to have a low environmental effect and is committed to reducing and managing waste generated on campus. To ensure the institute's contribution to environmental protection, the following processes shall be followed.

  
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#### ◆ **Solid Waste Management:**

With the goal of providing a holistic education that has a good influence on the environment, the institution will use the following strategies to reduce solid waste generation and management:

- Systematically engage with the 3Rs of environment amicability (Reduce, Reuse and Recycle).
- Collect and recycle paper trash generated on campus in collaboration with scrap merchants.
- Reduce solid waste by developing a technology centric.
- Model for education and administration.
- Supporting the digitization of attendance and internal assessment records reduces the use of paper.
- Update the college library's e-books and e-journals collection to reduce the need for printed books.
- Encourage students and teachers to use email to submit assignments.
- Take steps to raise student awareness of the issue:
  - ✓ Food waste and methods for reducing it
  - ✓ Using packaged foods as little as possible
  - ✓ Reusing and recycling non-biodegradable items is a common practice.
  - ✓ Organizing workshops for students on solid waste management.

#### ◆ **Liquid Waste Management:**

- Make sure your water fixtures aren't leaking.
- Conserve water by building more Indian-style toilets rather than western-style toilets.
- Maintaining the employment of a caretaker to take immediate action to stop any water leaks from taps, pipes, tanks, toilet flushes, and other sources.
- The adoption of a grease trap mechanism prevents the release and mixing of oil from the college canteen liquid waste in the municipal drainage system. The Biochemical Oxygen Demand in the effluent wastewater produced by the institute canteen is thus lowered.
- In washrooms, wastewater created by a reverse osmosis (RO) system is reused.

#### ◆ **E-Waste Management**

Our college ensures that its technological use and e-waste generation have no negative influence on the environment.

The college intends to work toward the following goals:

- More provisions for the disposal of institutional e-waste.
- Working with e-waste recycling firms to recycle electronic waste.
- Raising student awareness regarding e-waste reduction and recycling
- E-waste disposal procedures that are environmentally favorable.
- Promoting e-waste management efforts at the departmental and societal levels.

#### ✚ **Plastic Free Campus**

Since its formation, the DSCSITSC has carried out most of its responsibilities in terms of solid waste management. Considering the Indian government's decision to ban all single-



use plastics due to the harmful effects of plastic use and pollution, the college administration rigorously prohibits the use of single-use plastics in its property to create a "Plastic Free Campus."

#### Paperless Campus

Throughout the institute, a reuse and recycling culture has been aggressively promoted. Several initiatives, such as cashless transactions, document circulation, and Google Docs notifications, have been adopted to drastically reduce paper traffic.

#### Conduct Green Audit

The college will regularly conduct a Green Audit of our campus to assess our sustainability goals. A green audit can help discover where and how much energy, water, and resources are consumed. The college can then consider making modifications and saving money. It can assess waste kind and volume. Plans for recycling or trash reduction can be adopted. It will raise awareness of health and environmental issues. It helps to understand how eco-friendly measures affect campus. Green auditing saves money by reducing resource use. The college must assess its own contributions to a sustainable future.

#### Conduct Energy Audit

It will be subjected to an energy audit as needed to lower its CO<sub>2</sub>. Reduced energy use is critical. The energy audit's sophisticated technologies will cause energy loss. An inspection often reveals multiple problems that produce significant energy losses that the college cannot identify. These issues generally have simple fixes that save money.

#### Environment-centric Student Societies and Department Activities

This institute promotes all departments, as well as specific student societies such as **green society**, NSS, NCC, and others, to hold events, competitions, and training sessions that will result in beneficial environmental changes at the grassroot level. The institution works with departments and student clubs to help students become active environmental protectors and conservationists. Changes in institutional sustainability and eco-friendly policies have filtered down to students, increasing Green Society membership. Making society mandatory will provide it a larger platform to promote the institution's environmental principles. Because obligatory societies anticipate a certain amount of labor and commitment, this will help the policy's green programmes and practices flourish tremendously.

#### Awareness Initiatives

Outreach and education are critical so that all members of the campus community understand the policy's goals and can help in its execution. Therefore, the institute supports and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions to ensure that the Green Campus, Energy, and Environment policies are implemented effectively.

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## DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

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540, Dum Dum Road, Suremath, Kolkata- 700074, West Bengal





# Policy for Green Campus (W.e.f 2018-19)

Approved by BOG

Dated on 07/07/2018

Under Agenda No. 3

Ref. No: DSDEC/POLY/ 2018-19/26	Compiled & Checked By:  Coordinator, IQAC (IQAC Convener)	Approved By:  (Principal)
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Issue No- 3

Dr. Sudhir Chandra Sur Degree  
Engineering College  
540, Dum Dum Road, Kolkata -700074

Principal  
Dr. Sudhir Chandra Sur Degree  
Engineering College  
540, Dum Dum Road, Suremath  
Kolkata - 74



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## Salient features of the Policy:

Dr. Sudhir Chandra Sur Degree Engineering College (DSEC) envisions a Clean and Green Campus where education and environmental awareness are combined to promote sustainable and eco-friendly behaviors on and off campus.

The Institute safeguards and maintains a pollution-free green and clean campus through green campus programmes. The Institute is committed to managing its campus in a way that promotes a sustainable environment. The Green Campus Policy formally implements these responsibilities.

## Main Points of the Policy:

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Engineering College  
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The broad vision is as follows:

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### **Landscaping Policy:**

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Principal  
2 of 5 Degree  
Dr. Sudhir Chandra  
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Principal  
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Dr. Sudhir Chandra Murthy  
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5 of 5 College  
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