



OFFICE OF THE PRINCIPAL

এছ. বি. দেওৰা মহাবিদ্যালয়  
**S.B. DEORAH COLLEGE**

(Accredited with 'B' Grade by NAAC)

ULUBARI, GUWAHATI-781007

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**Green Campus and Energy Policy**

S. B Deorah College, Ulubari, Guwahati

**Green Campus Policy**

**Introduction**

As S.B.Deorah College, nestling on the busy G.S. Road of Guwahati, has made it imperative for the institution to carry forward the vision and mission of a green campus. Towards this, the college envisions a Clean and Green Campus where environmentally friendly practises and education combine to promote sustainable and eco-friendly practices both on and off campus. Through the Green campus policy, the college endeavours to take the lead in redefining its environmental culture through instilling environmental ethics amongst the students and staff. Many plantation drives have been undertaken to maintain air quality both within the campus and in the surrounding locality.

**Aims and Objectives**

With an idea to create an environment where youth can learn how to live sustainably and in harmony with nature, the college has formulated the eco-friendly policy with the following aims and objectives:

- To promote campus wide sustainable and eco- friendly practises through academic and extracurricular activities.
- To increase the green coverage of the college campus.

Principal  
S.B. Deorah College  
Ulubari, Guwahati-7

*(Signature)*



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- To make the campus single use plastic free.
- To ensure safe handling, storage and disposal of wastes in campus.
- To minimize the use of paper in administration through having policy for E-governance. The admission to different courses, filling up of forms for semester examinations, appraisal of faculty performance, feedback of curriculum, etc. all are conducted through online mode.

#### Clean campus Initiatives

According to the Swachh Bharat Abhiyan's goal, S B Deorah College had committed to actively coordinate cleaning initiatives both inside and outside the college campus. It pledges to keep up this programme. The general outlook is as follows:

- Organising frequent cleanliness initiatives to raise general awareness of cleanliness and hygiene among faculty and employees. The goal is to inspire them to make a proactive contribution.
- A significant portion of all the community service projects carried out by the college's NSS, NCC, Environment Cell and Eco Club volunteers would fall under the purview of the "Swachh Bharat Abhiyan."
- Encouraging the staff members to participate in the cleanliness drive in the college campus.
- Administering the annual pledge made by students and employees to keep the college campus and its surroundings clean.
- Conducting workshops on the 3Rs: Reducing, Reusing and Recycling of waste.
- Making a commitment to managing garbage and keeping the campus clean, especially during college events.

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### Clean Air Initiatives

We encourage all of our staff and students to take public transport. We promote carpooling for college, which reduces air pollution and improves social contact.

### Water Conservation through Rainwater Harvesting System

S B Deorah College has devoted itself to this endeavour to replenish the groundwater table by engaging in rainwater harvesting as an institution situated in G S Road, the area that has witnessed the greatest reduction in ground water levels. The replenishment and recharge of the groundwater is aided by this practise.

### Waste Management Processes

S B Deorah College is committed to minimising its negative effects on the environment and to reducing and managing the trash produced on the college campus. To ensure S B Deorah College's involvement in environmental protection, the following particular steps will be done.

### Solid Waste Management

The college will adopt procedures that will lessen generation and manage solid waste using the following techniques in order to deliver comprehensive education that also benefits the environment:

- Engage in the 3Rs of environmental friendliness (Reduce, Reuse, and Recycle) in a systematic way.
- Create a teaching and administration model that is technological-orientated to decrease solid waste.

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- Solid wastes shall be segregated into Wet and Dry Wastes and deposited in Green and Blue bins respectively.
- Paper trash shall be either directly sold for recycling or shredded in an electronic shredder machine.
- Reduce the consumption of paper by encouraging the digitalisation of attendance and internal assessment records.
- Incinerators are being installed for proper disposal of sanitary napkins.

#### E-Waste Management

S.B. Deorah College takes precautions to minimise any environmental impact associated with its technology use and e-waste production. To achieve the following, the college intends to:

- Collaborate with e-waste recycling companies or NGO's to get electronic waste recycled.
- Bring awareness among students about ways to reduce their use of electronic waste and environmentally friendly ways to dispose of it.

#### Liquid Waste Management:

S B Deorah College will make sure that the liquid waste produced in the restrooms, canteen, etc. is directed into the internal drainage system in the college in order to ensure effective liquid waste treatment. Laboratory liquid waste is gathered in a soak pit.

#### Awareness Initiatives

It is crucial to engage the campus community and educate them on the policy's goals so that they can support its implementation. This is why S. B Deorah College encourages and supports awareness-raising campaigns and other interactive events to help the Green Campus, Energy, and Environment policies be implemented effectively.

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## Energy Policy

### Introduction

The College, though a micro element of human civilisation and is engaged in imparting quality education has shown a roadmap to depend less on conventional source of energy. The institute has installed a 25 Kwp rooftop solar power which generated 1.75 Mwh of average power and prevented 1.57 tons of carbon emission every month. The difference is seen in the electricity credit for the same.

### Objectives:

- To continuously improve the efficient use of all resources, including water and energy.
- To reduce the consumption and the amount of waste generated.
- To promote reusing and recycling of waste wherever possible.

### Infrastructural Initiatives

### Renewable Sources of Energy

S B Deorah College is committed to reducing and managing its use of electricity responsibly. The institution supports switching to clean energy sources like solar energy for uses like lighting the campus in order to reduce the consumption of power generated by non-renewable resources.

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**Energy Saving and Energy Efficient Equipment**

We pledge to install energy-efficient electrical equipment that decrease wasteful inefficiencies. The college supports the use of greener energy sources, like LED lighting to ensure low consumption of energy. Power management features are engaged to reduce energy consumption, when electronic equipment (printers, computers, monitors, etc.) are not in use. In addition to these, the following measures have been taken to ensure efficient use of energy.

- All tungsten and CFL lamps have been replaced by energy efficient LED lamps.
- A fresh agreement for revised contract demand have be ensigned with APDCL.
- Unused plugs (6 and 16 amps) have been plugged and isolated from circuit.
- Conventional ceiling fans (65kw) have been replaced by energy efficient 35 w BLDC fans to some extent.

  
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