



St. Bede's College Shimla

ECO-FRIENDLY FACILITIES AND INITIATIVES

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ENERGY CONSERVATION

- **Solar Energy**

In an effort to minimize carbon footprints, St. Bede's College has installed solar lights and solar water heating systems in its hostel. The utilization of solar energy not only contributes to environmental conservation but also aids in reducing dependence on conventional energy sources. By adopting solar technologies, the college plays a part in preserving the environment while also promoting energy efficiency.



Solar Lights

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Solar Panels



Solar Panels

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Solar Water Heater

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- **Use of LED Bulbs/Power-Efficient Equipment**

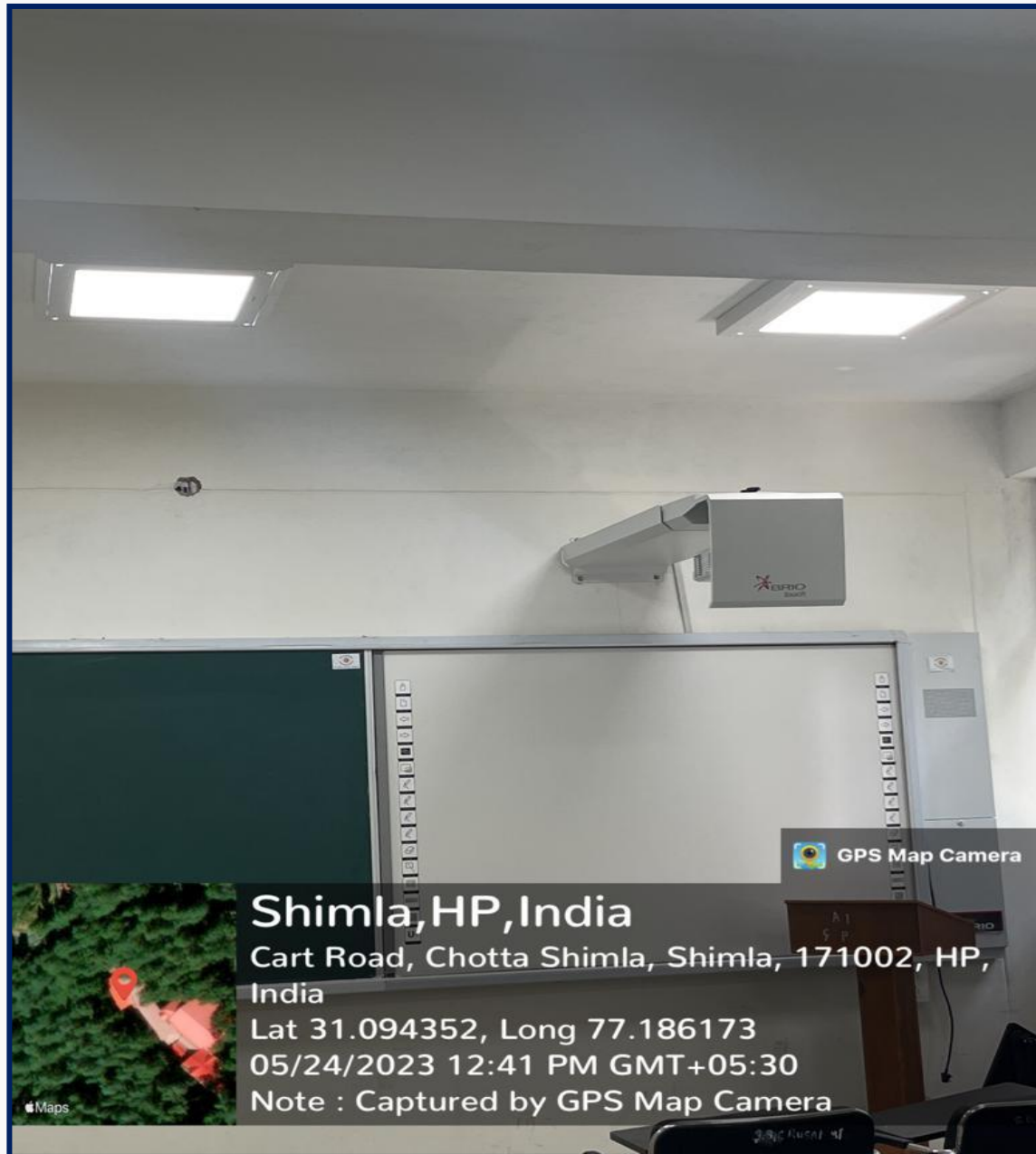
In line with their energy-saving policy and commitment to reducing carbon footprints, St. Bede's College has installed LED lights. By embracing LED lights, the college takes a step towards sustainability and plays a role in minimizing their environmental impact.



LED Lights in the IQAC Room



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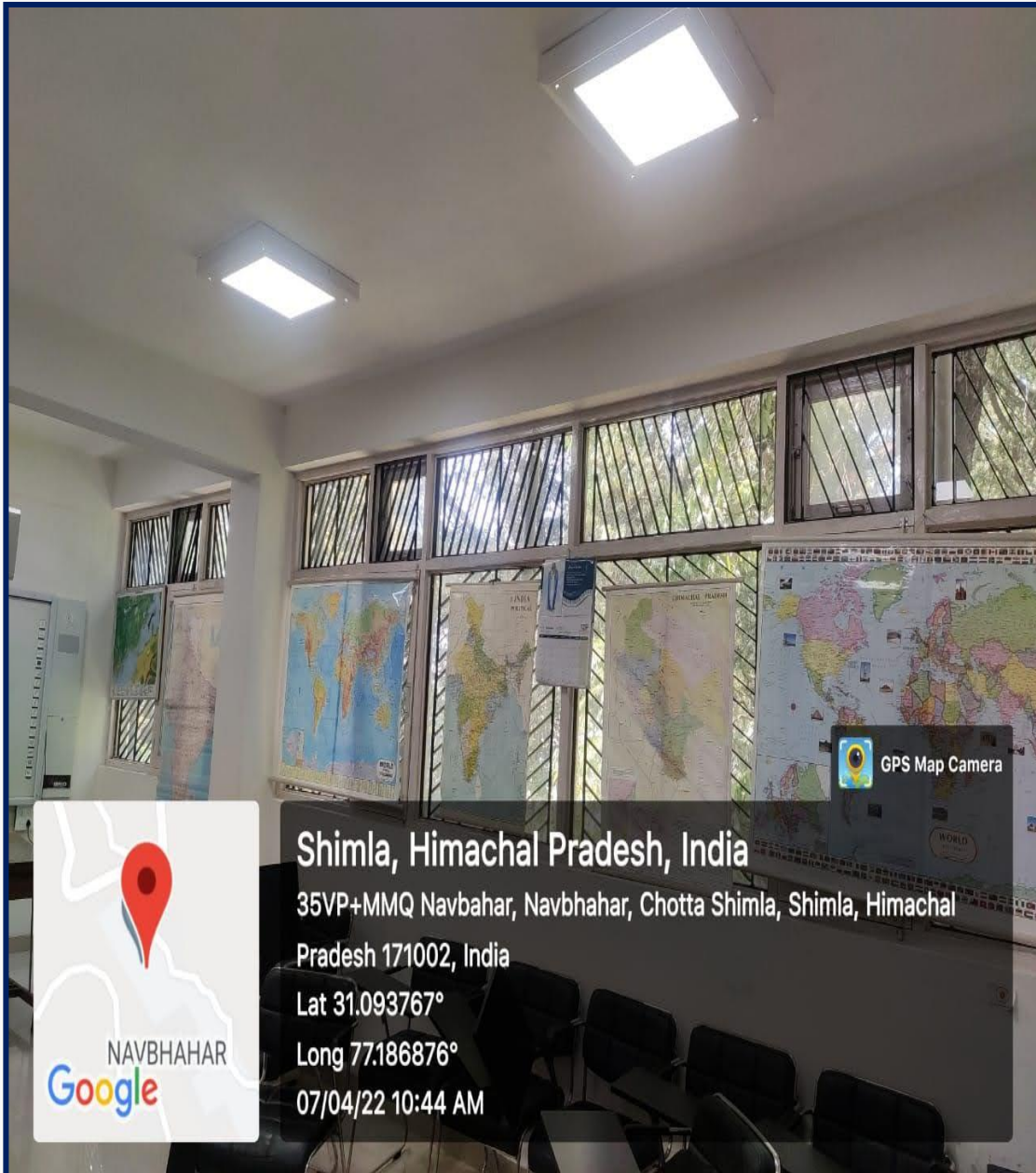


LED Lights in the Classroom

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LED Lights in the Classrooms

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SOLID WASTE MANAGEMENT

- **Incinerators**

Sanitary Napkin destroyer is widely used by students and staff. It is installed near the bathrooms of each block for easy access.

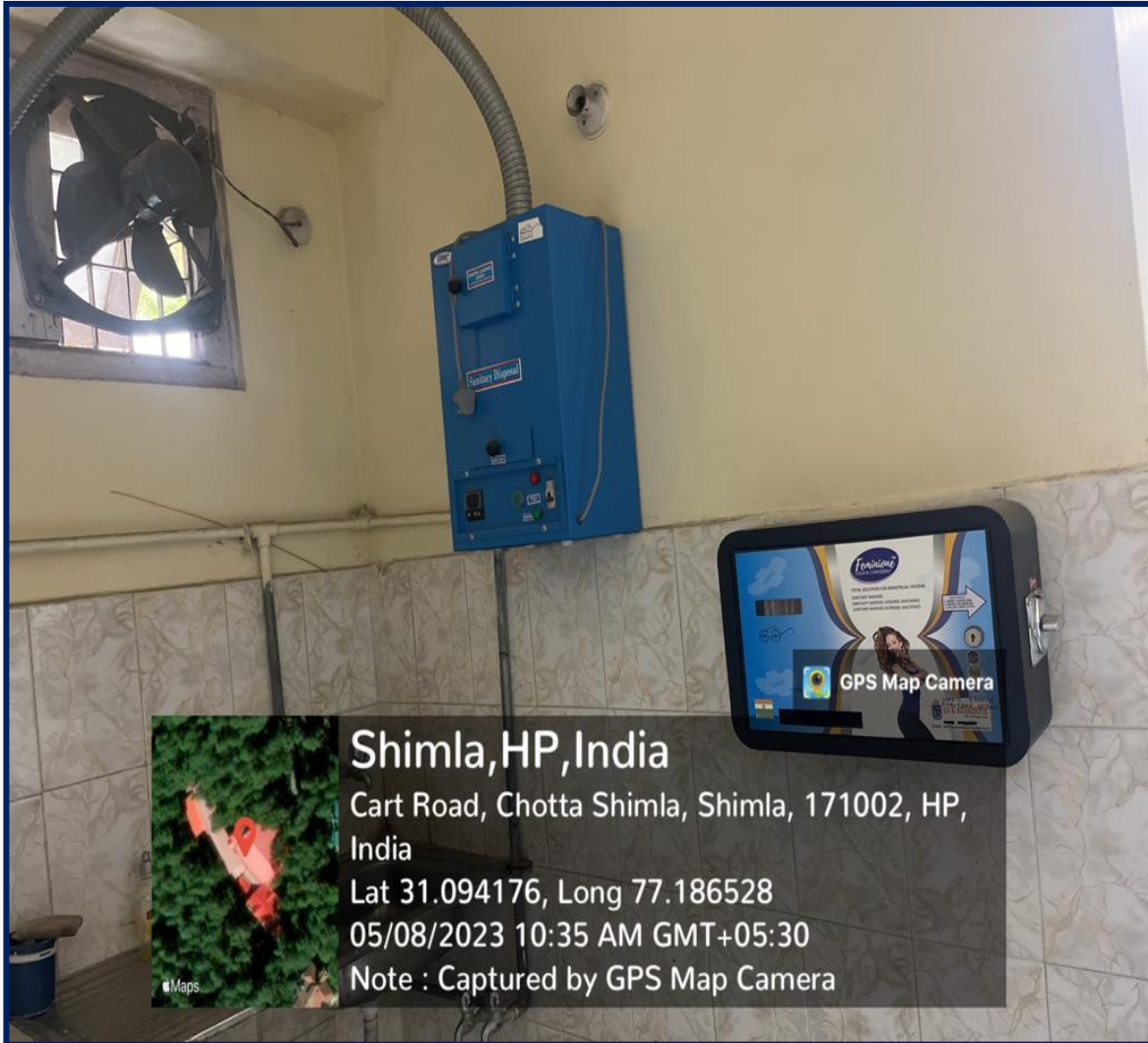


Incinerators

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Incinerator and Vending Machine for Napkins

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- **Segregation of Waste**

Separate storage spaces are allocated to collect plastic waste that is collected on a regular basis. The plastic waste thus collected is handed over to Municipal Corporation, Shimla



Separate Dustbins for Waste

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- Paper Recycling Unit**

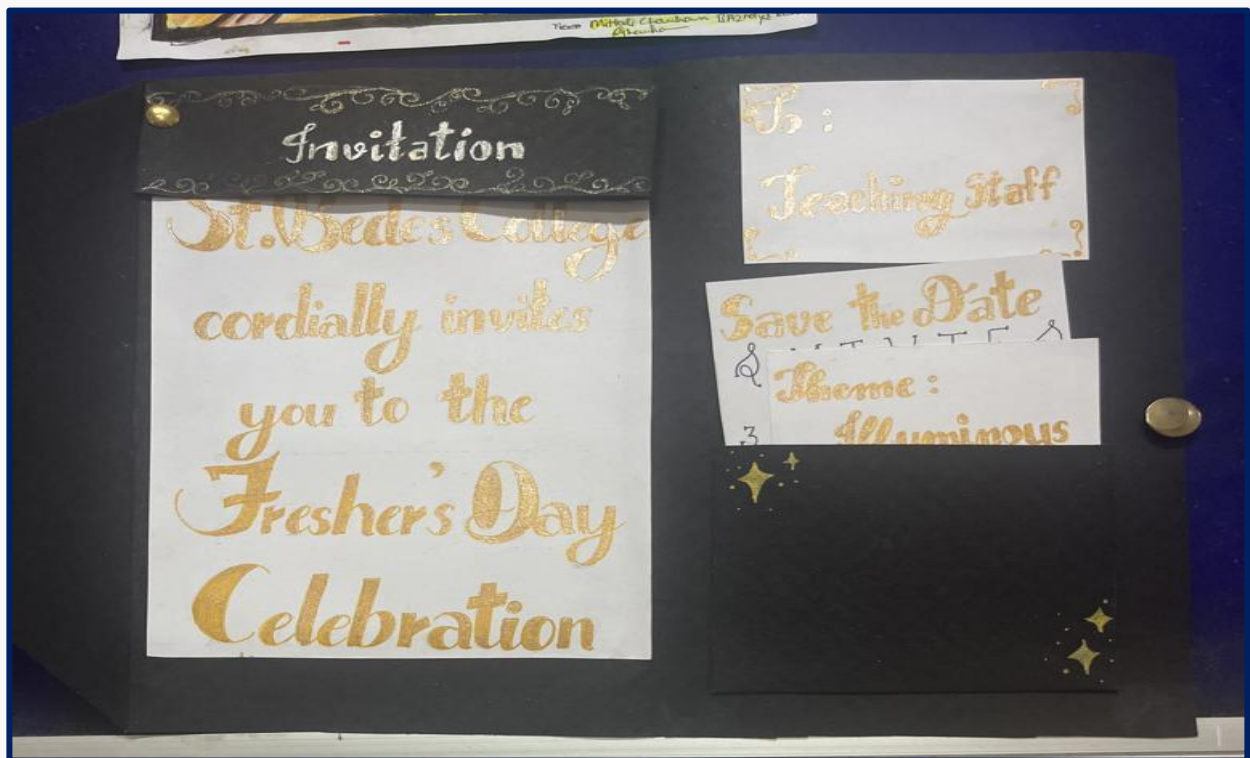
The college also has a wastepaper recycling unit where the wastepaper from the entire college is recycled into new paper products.



Paper Recycling Unit



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New Products Made Out of Recycled Paper

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- **Composting Unit**

St Bede's College ensures that waste management is conducted in a proper manner. The compost is prepared in the composting unit of the college using the food waste material collected from the college mess and canteen. The idea is to promote proper waste collection and its disposal. Composting recycles organic matter, such as leaves and food scraps, into a valuable fertilizer that can enrich soil and plants. The department of Biotechnology and Microbiology of St. Bede's College, Shimla organized a sale of compost on May 20, 2023. The compost was sold under the brand name of Bede's Biocom. The Principal of the college, Prof. (Sr.) Molly Abraham inaugurated the sale. The faculty and students of the college bought the product.



Composting Unit

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Composting Unit

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Sale of Compost on May 20, 2023

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LIQUID WASTE MANAGEMENT

It is ensured by the campus maintenance committee of the college that there are no leakages in the water pipes and if required, they are repaired immediately. The liquid waste of the college is connected to the municipal sewage system.

HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

Hazardous waste generated in the science laboratories is drained through the concealed pipes. Biological waste from other science laboratories is collected and autoclaved before its disposal. No radioactive waste is generated in the college campus.



Disposal of Biological Waste through Autoclaving

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PROPER SEWAGE SYSTEM

The college has a proper sewage system to divert the liquid waste to the waste pits. It facilitates to maintain a clean campus and to prevent water clogging in the campus premises.



Sewage System

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WATER CONSERVATION FACILITIES

- **Rainwater Harvesting System**

St. Bede's College is equipped with a rainwater harvesting facility that comprises two tanks. These tanks efficiently collect rainwater through a well-connected pipe system. The harvested rainwater serves multiple purposes, including watering the plants in the college garden. Additionally, the rainwater harvesting tanks act as a pumping station for the fire extinguishers, ensuring a reliable source of water in case of emergencies. This sustainable initiative showcases the commitment of the college to conservation and preparedness.

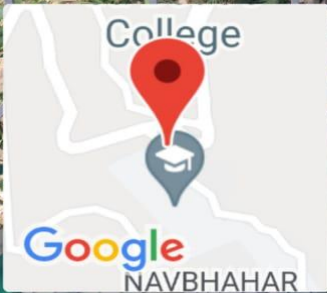


Rainwater Harvesting System

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Shimla, Himachal Pradesh, India
35VP+MMQ, Navbahar, Chotta Shimla, Shimla,
Himachal Pradesh 171002, India
Lat 31.094675°
Long 77.186676°
07/04/22 11:23 AM

GPS Map Camera

Rainwater Harvesting System

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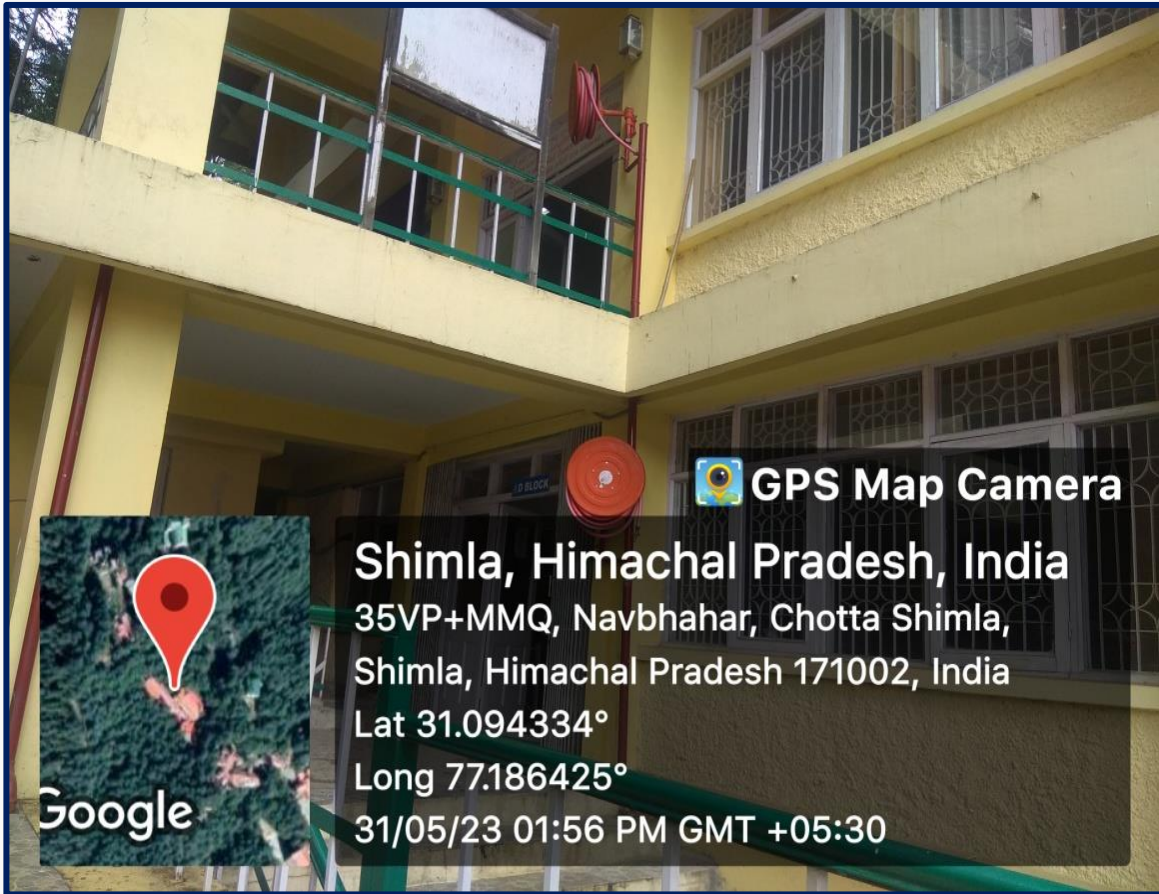


Pumping Station

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Fire Hague System

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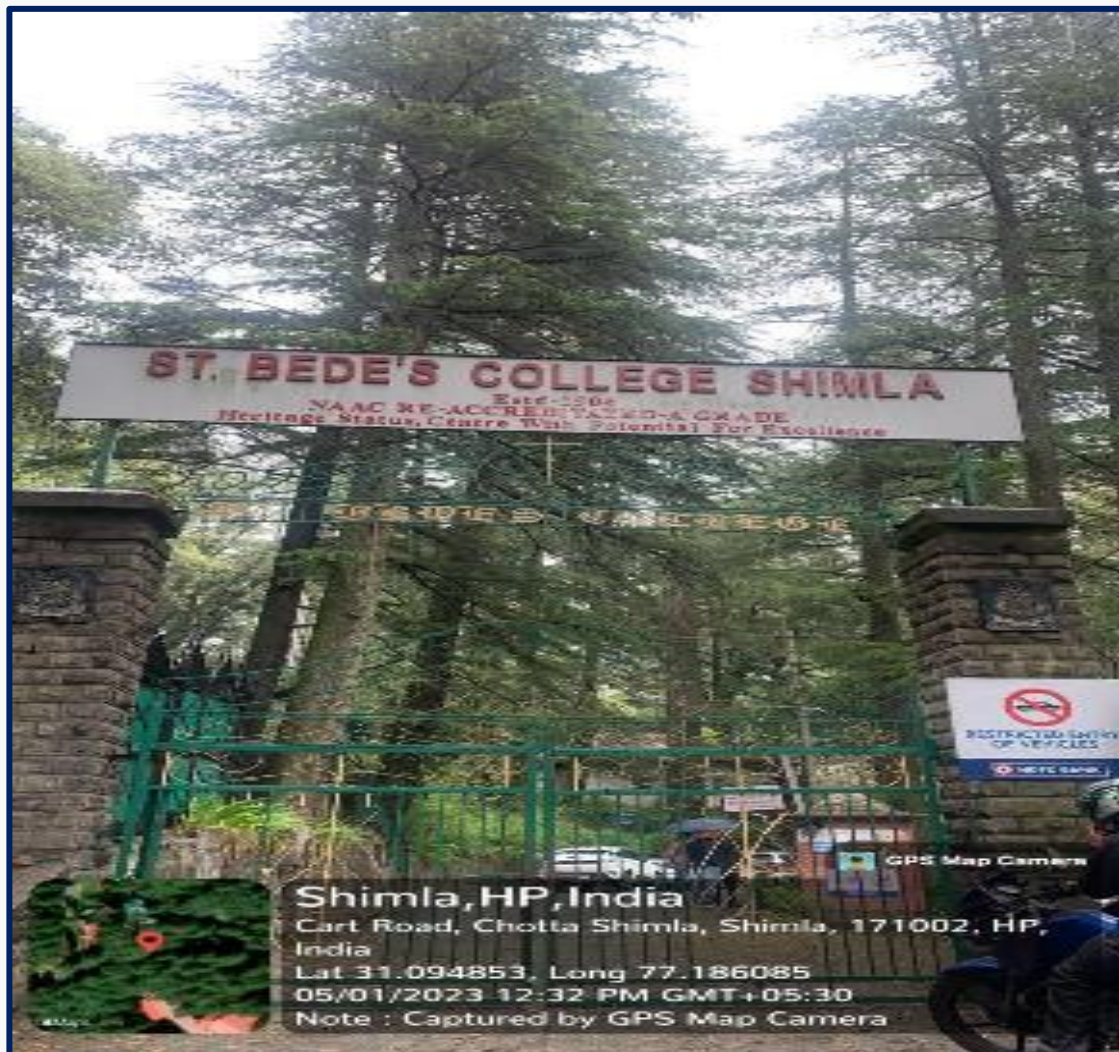


St. Bede's College Shimla

ECOFRIENDLY INITIATIVES

- **Restricted Entry of Automobiles**

The college campus enforces restrictions on vehicle admissions, granting access solely to staff members who are also permitted to park on the premises. To ensure security and keep track of visitors, the campus security guard maintains a register to record guest information. College students are provided with bus pass services to facilitate their frequent use of the public transportation system.



Restricted Entry of Automobiles

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Restricted Entry of Automobiles

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St. Bede's College Shimla

- **Pedestrian Friendly Pathways**

Due to the mountainous terrain, St. Bede's College has built railing-equipped staircases and pedestrian-friendly routes to enable easy mobility in winters, particularly when it is snowing.

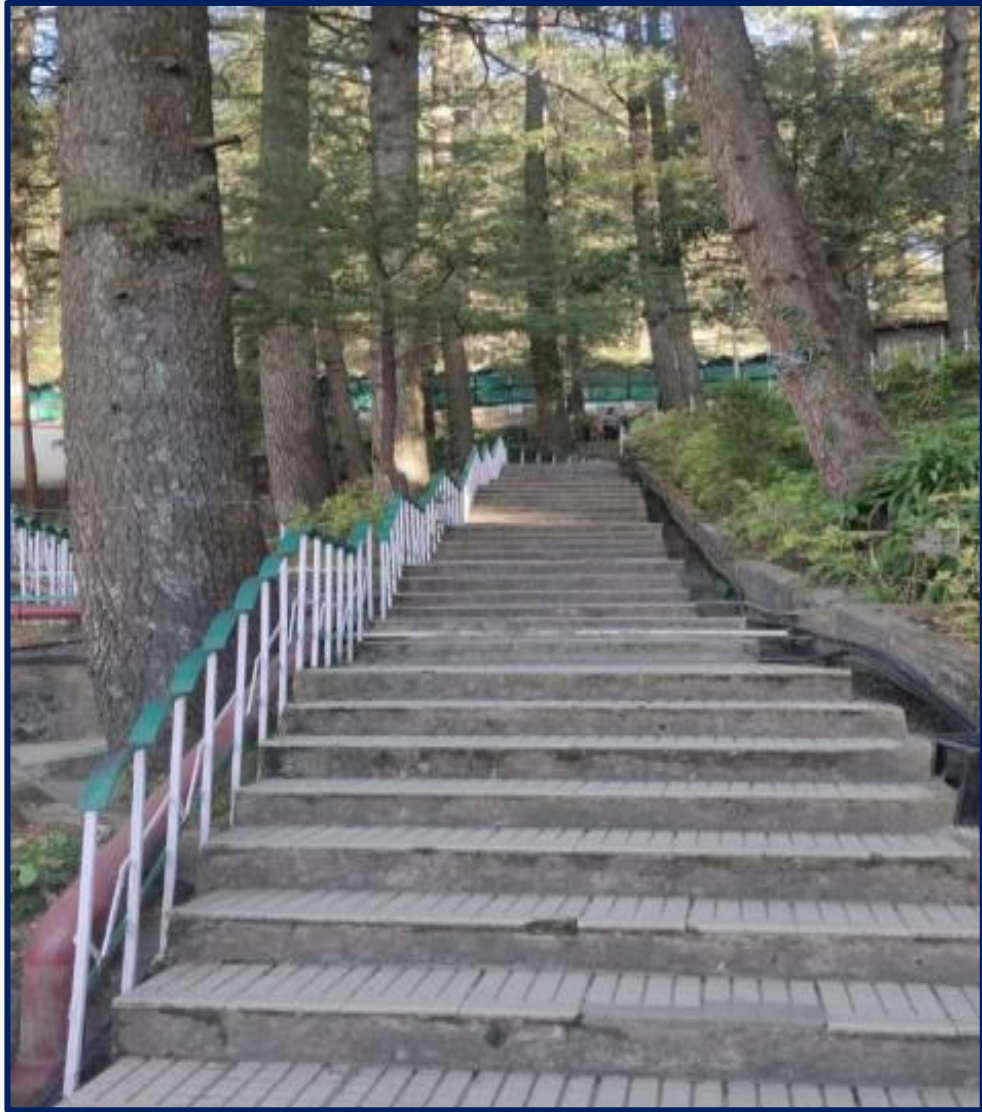


Pedestrian Friendly Pathways

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Pedestrian Friendly Pathways

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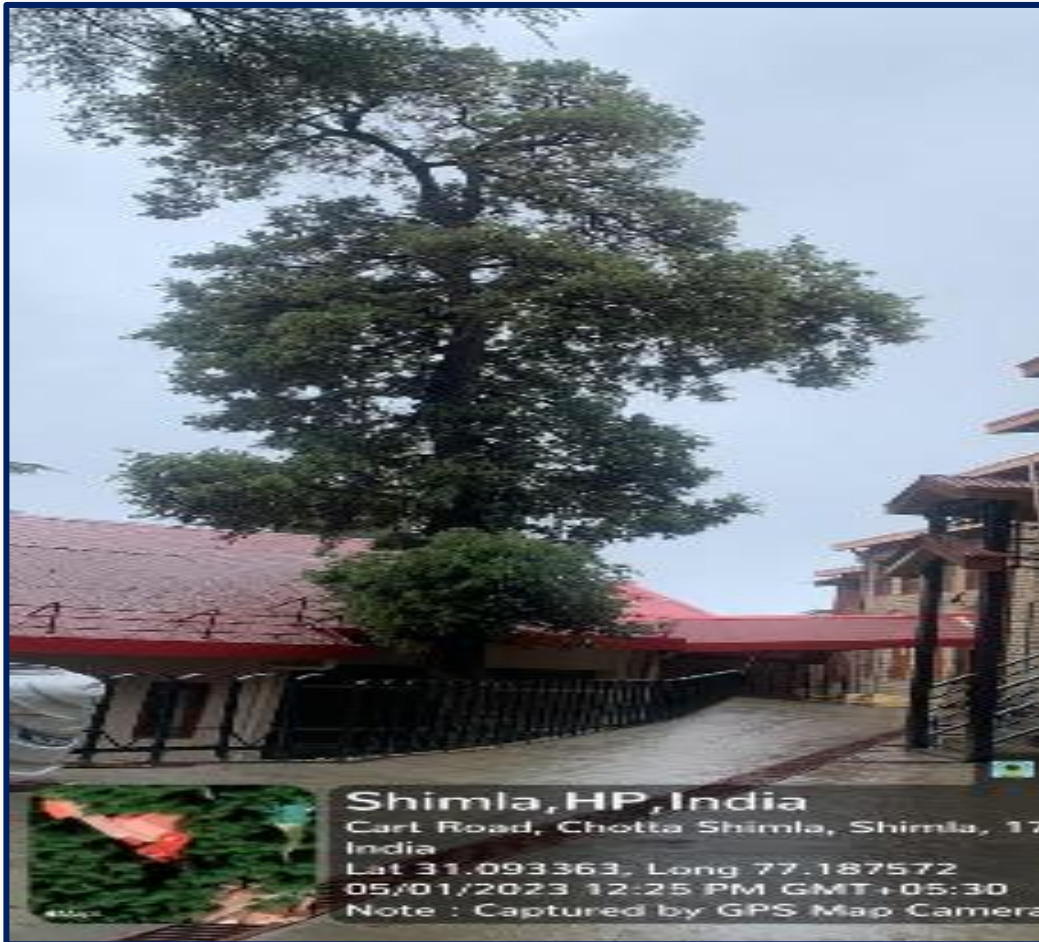


Pedestrian Friendly Pathways

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Pedestrian Friendly Pathways

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St. Bede's College Shimla

- **Ban on the Use of Plastic**

Polythene use is completely forbidden on campus at St. Bede's. Students are advised not to use or bring plastic items to college. Students and staff members are regularly sensitized and made aware of the risks associated with using plastic.



Ban on the Use of Plastic

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Ban on the Use of Plastic

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St. Bede's College Shimla

- **Landscaping**

The college is surrounded by mature cedar, rhododendron, and oak trees that offer year-round shade, fresh air, and a relaxing atmosphere. The institution has been growing its built-up area while preserving and safeguarding its green cover for more than a century.



Landscaping

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Variety of flora



Landscaping

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- **Taxonomy**

To help students, visitors, and all other stakeholders become familiar with the various tree and plant species, the college has prepared a thorough Taxonomy of the college flora.



Taxonomy

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- **Smoke-free Zone**

The college is completely smoke-free. Dry leaves are converted into manure in the composting unit.



Smoke Free Campus

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Smoke Free Campus

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DISABLED-FRIENDLY AND BARRIER FREE ENVIRONMENT

- **Ramp**

St. Bede's college intends to provide a barrier free environment for people with disabilities so that they can navigate the campus with ease and independence, enabling them to access and utilize all facilities within the college premises. In 2023, the college took a significant step towards enhancing accessibility by initiating the construction of new ramps. These ramps serve as vital connections, linking the auditorium, courtyard, and various classrooms in D-Block, C-Block, and B-Block.



Old Ramp

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St. Bede's College Shimla

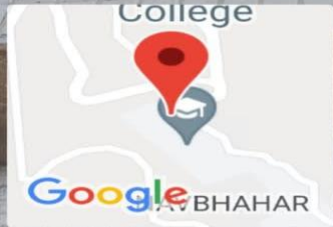
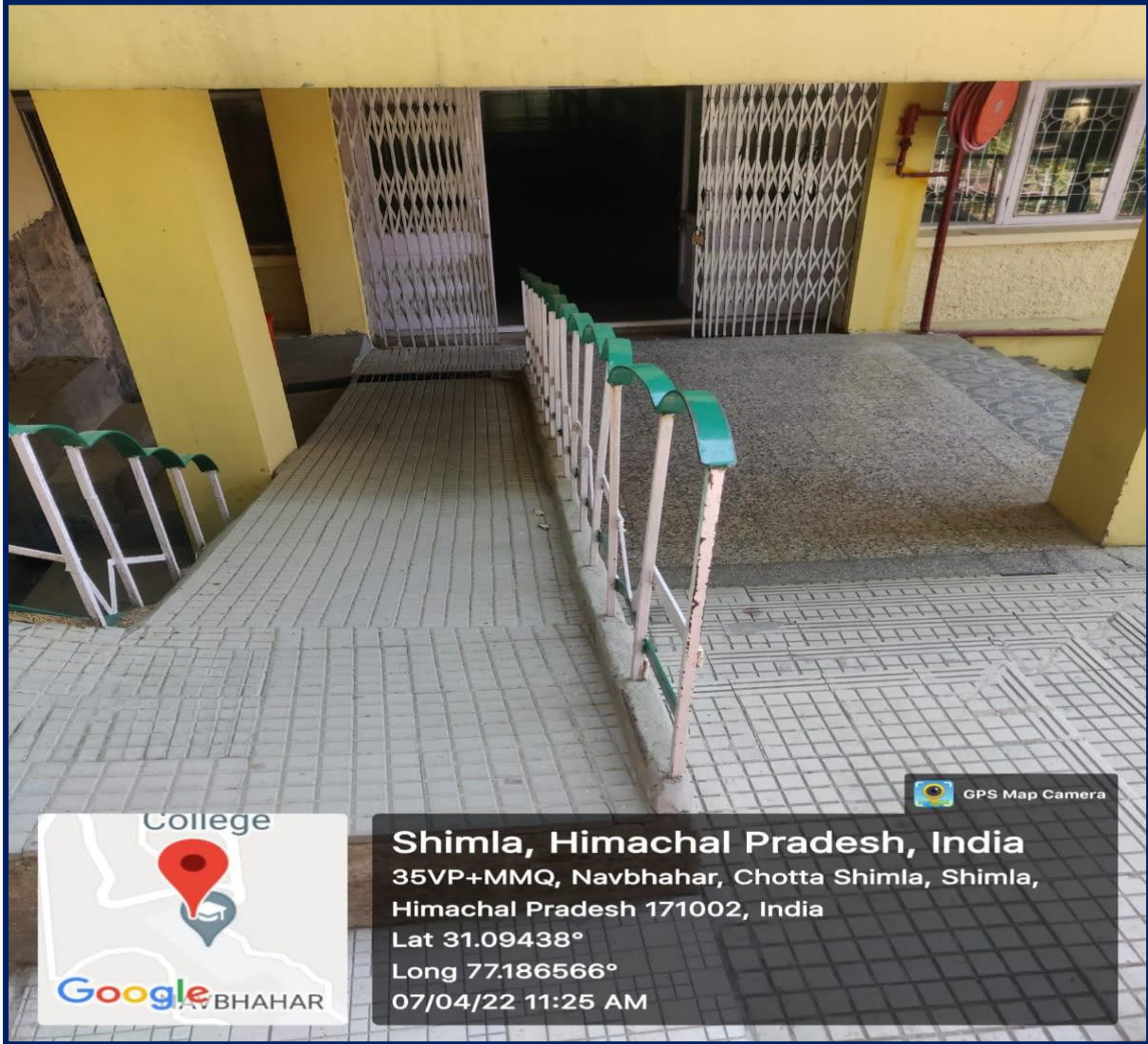


Old Ramp

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GPS Map Camera

Old Ramp and Wider Doors

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St. Bede's College Shimla



New Ramp

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St. Bede's College Shimla



New Ramp

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New Ramp

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