



SUPPORTING DOCUMENT

7.1.5

GREEN CAMPUS INITIATIVES



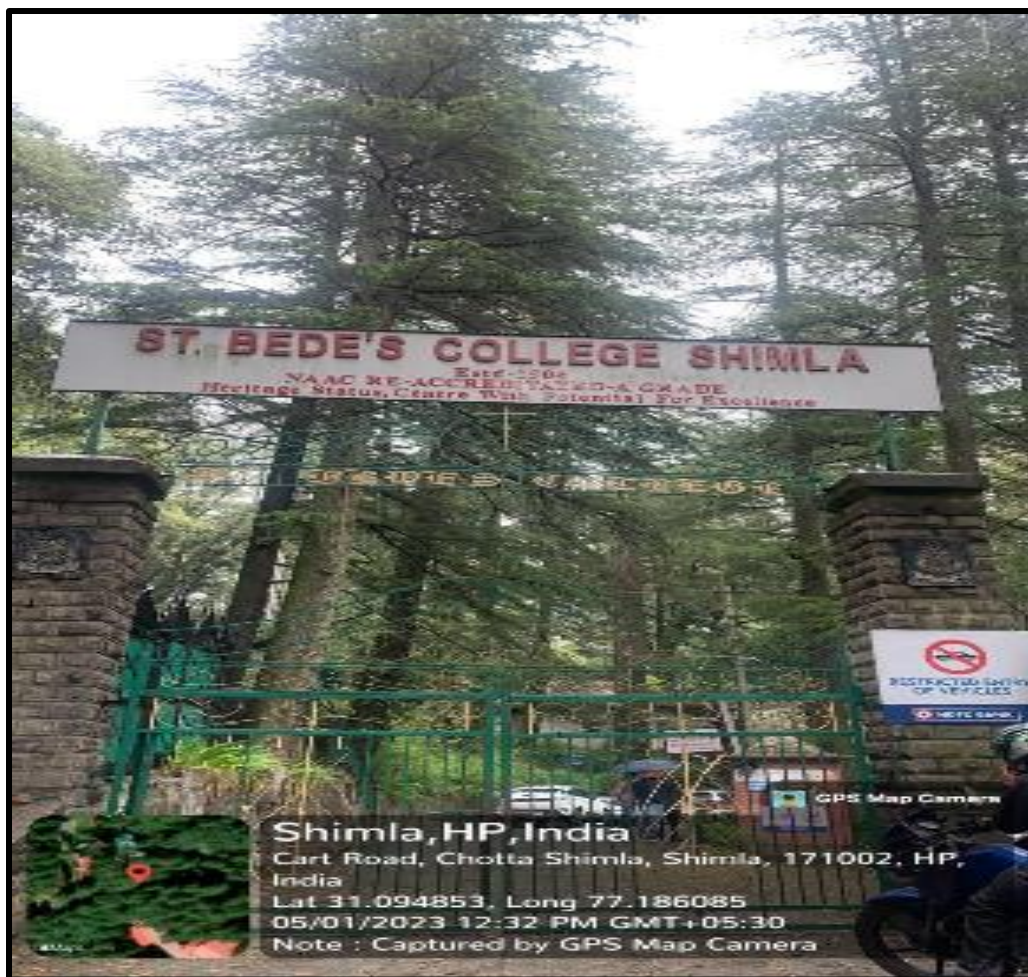
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National Seminar on “Building a Resilient Future: Integrating Environment, Economy and Technology”	



1. 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.



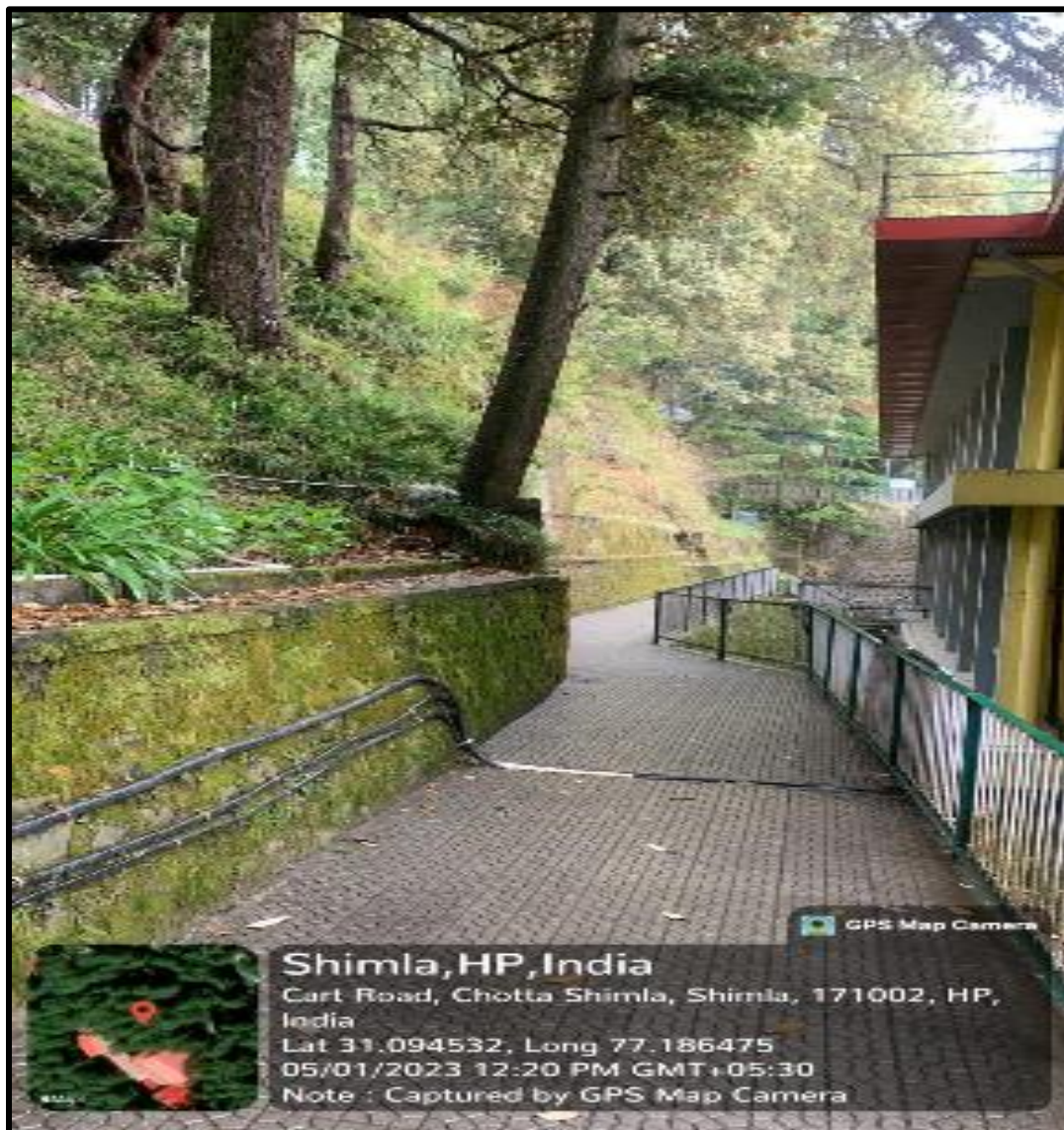
Restricted Entry of Automobiles

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2. 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 the winter, particularly when it is snowing.



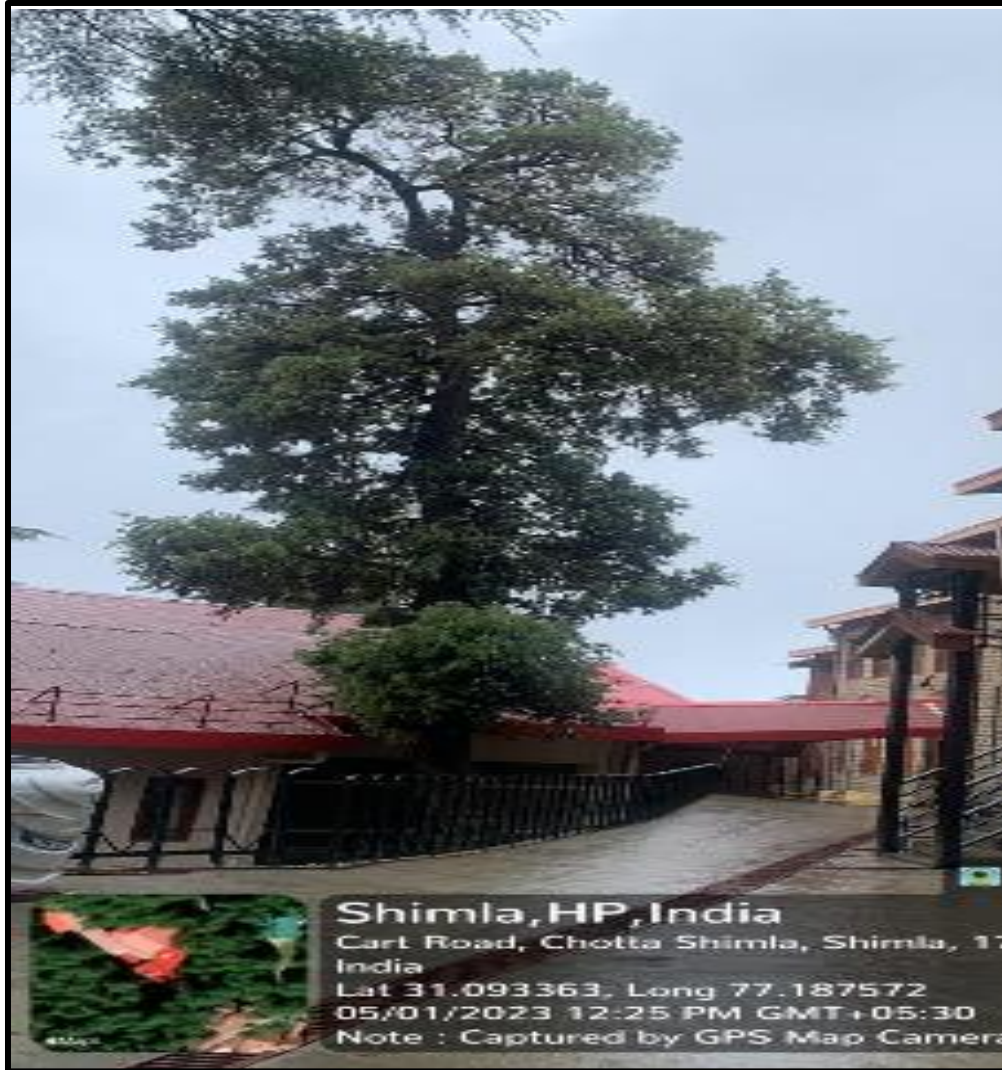
Pedestrian Friendly Pathways

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3. 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 school. Through a variety of events planned by organizations and departments, students and staff members are regularly sensitized to and made aware of the risks associated with using plastic.



Ban on the Use of Plastic

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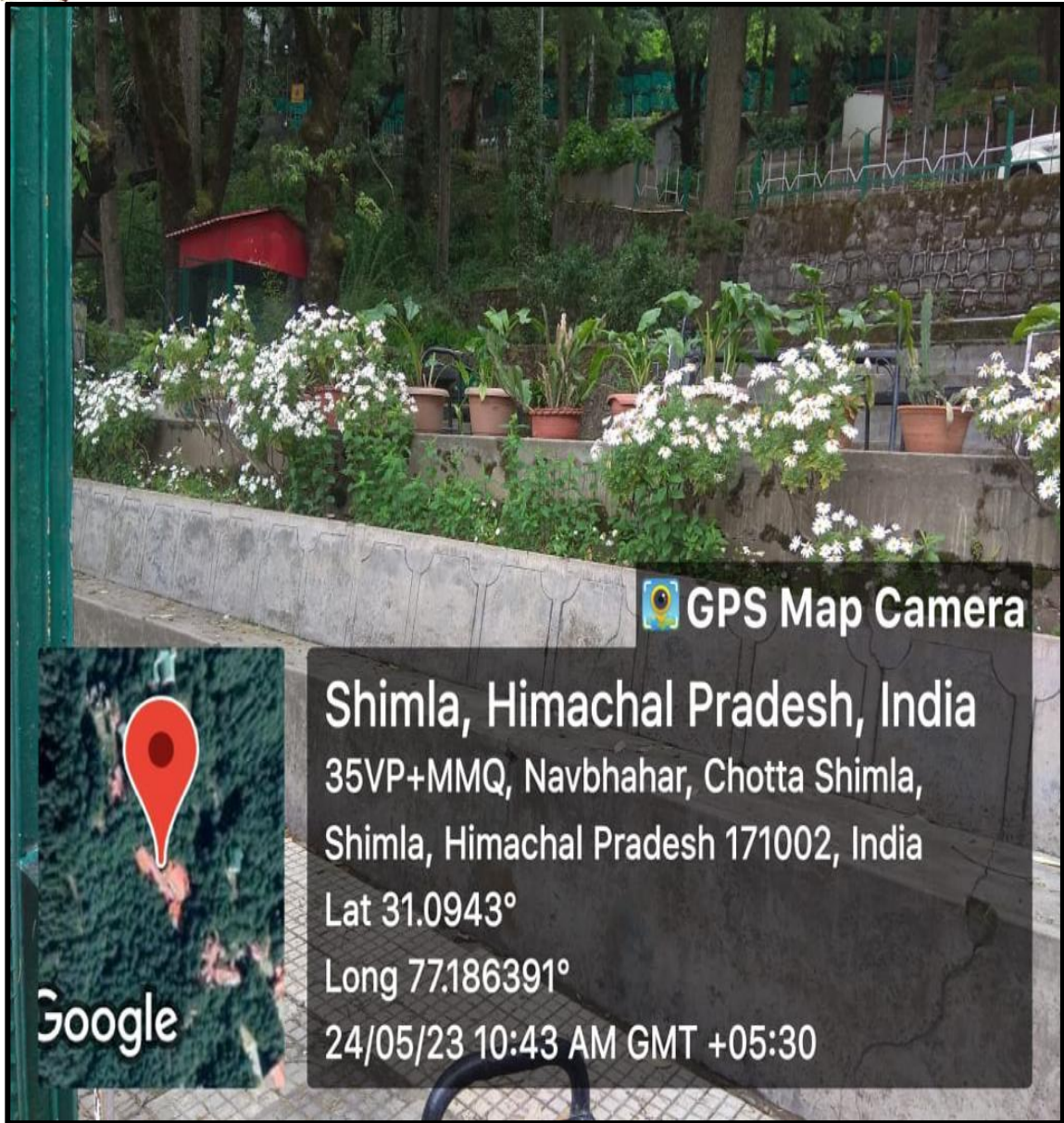
4. Landscaping with Trees and Plants

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. 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.



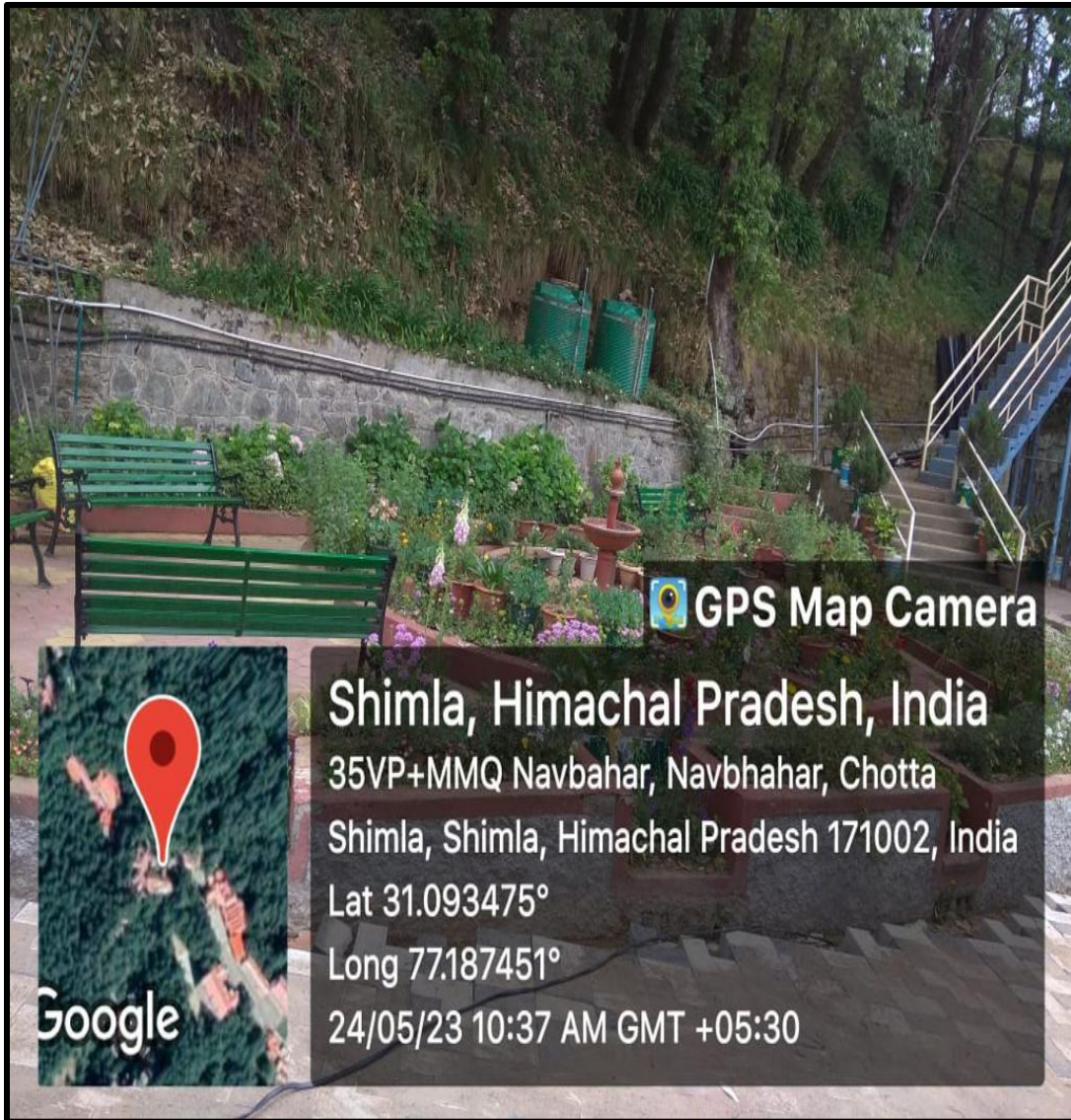
Landscaping

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Landscaping

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Landscaping

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Taxonomy

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5. 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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GREEN CAMPUS INITIATIVES ORGANIZED IN THE COLLEGE

- **Celebration of World Bicycle Day**

On World Bicycle Day, which was held on June 3rd, 2022, a cycle rally was organized on the College campus under the banner of "Azadi Ka Amrut Mahotsav". The event was inaugurated by The Principal, Prof. Sr. Molly Abraham.



World Cycle Day June 3,2022

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- **Environment Day celebration**

On June 5th, 2022, the students of M.Sc. Botany 4th semester, under the banner of the Green India mission, participated in a cleanliness drive at Naldehra Heights. The event aimed to promote the mission of a cleaner and greener India. The volunteers were divided into groups and assigned specific areas to clean up. They collected trash and glass bottles, which were then disposed of properly. The municipal corporation provided assistance with trucks and additional manpower. Banners were displayed to raise awareness and encourage everyone to participate in keeping the environment clean.



Environment Day Celebration June 5, 2022

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- **Tree Plantation Drive**

On July 23, 2022, the NSS Unit of St. Bede's College organized an event to promote environmental awareness. Around 100 plants were planted in the college campus, and the event was inaugurated by the chief guest, Dr. Nitin Vyas, who is an Assistant Professor in the Department of Tourism and President of SFD. The principal of the college, Prof. (Sr) Molly Abraham, and other teachers also participated in the event by planting saplings. The initiative was aimed at promoting a greener environment and a sustainable future. The volunteers conducted a Tree Plantation Drive in the adopted village, where the villagers participated enthusiastically along with the volunteers.



Tree Plantation Drive July 23, 2022

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Tree plantation Drive July 23, 2022

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- **Tree Plantation within the campus “Lets Plant Hope”**

On August 18, 2022, the Department of Geography organized a Tree Plantation drive with the theme "Let's Plant Hope" to raise awareness among students about the significance of plants and forests on our planet. The event saw enthusiastic participation from the department's teachers, non-teaching staff, and students. A total of twelve saplings of various species, including Cedar Deodars, Oaks, Chestnuts, and Poplar, were planted in an open area located near the college's main gate.



Tree plantation August 18, 2022

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- **Field Visit to CPRI**

On August 25, 2022, B.Sc. (Hons.) Biotechnology, Microbiology, B.Sc. Medical and Non-medical 3rd year students visited Central Potato Research Institute (CPRI) in Shimla for a field trip. The students were educated about various techniques such as Plant Tissue Culture, Aeroponics, Hydroponics, and Seed Technology. In addition, they were introduced to different potato varieties that were grown in the labs. The students received an introduction about the history, objectives, and contribution of the organization from an eminent scientist. They then visited the institute's extensive library, which is the second largest in Asia and contains abundant literature on potatoes. After that, the students were shown various tools and instruments used in potato crop development and plant tissue culture experiments. The highlight of the visit was the Electron microscope, and the technical staff explained its structure and function to the students. Next, the students visited the tissue culture lab, where the process was explained to them.



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Visit to CPRI August 25, 2022

- **World Ozone Day**

To commemorate World Ozone Day, on September 16, 2022, the Department of Geography organized an Intercollege Quiz Competition, inviting nearby college principals via email. However, only four colleges, namely Government College Dhama, Government College Sanjauli, Government College RKMV, and Government College Theog, participated by sending their teams for the competition.



Ozone Day celebration September 16, 2022

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- **Reduce, Reuse, Recycle**

On September 24, 2022, the Department of Chemistry and the Paper Recycling Unit at St. Bede's College organized a one-day training program on "Reduce, Reuse, Recycle." The training started with an introduction on how recycling paper benefits the environment, presented by Mr. Nishant Sharma. Afterwards, Mr. Sharma demonstrated the process of paper recycling to all the participants. The training program had 15 participants, including students from the 2nd and 3rd year of the Chemistry program and members from the Rural Development Department of the Government of Himachal Pradesh.



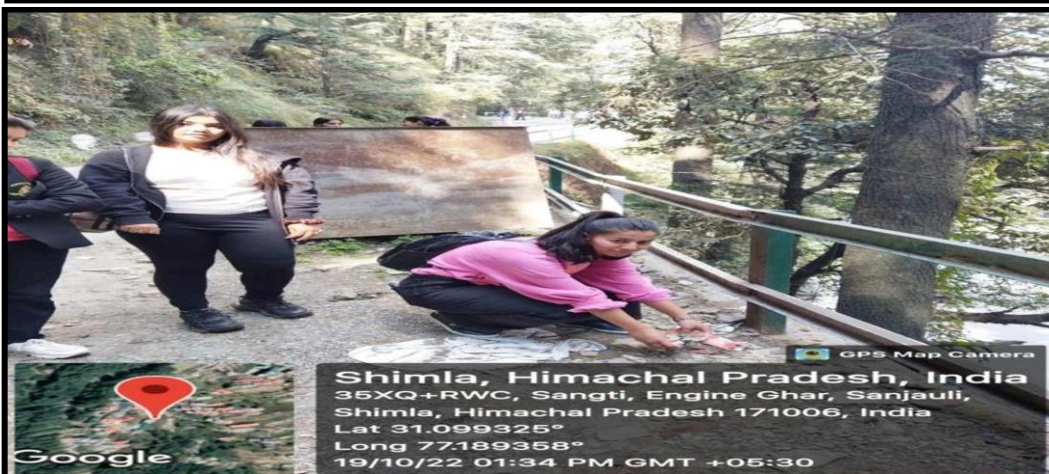
Training Program on Reduce, Reuse, Recycle September 24, 2022

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- **Clean India Campaign**

During the entire month of October, the college actively participated in the Clean India Campaign to spread awareness about maintaining a clean and green environment. The NSS volunteers conducted a cleanliness drive in and around the college campus to encourage everyone to keep their surroundings clean. The campaign aimed to instill a sense of responsibility and make a promise of a better future to prioritize environmental cleanliness for a better future.



NSS Volunteers participated in the Clean India Campaign Drive in October 2022

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- **Nukkad Natak on Plastic**

On 4th October 2022, the Environment Cell and Disaster Management Cell of St. Bede's College Shimla collaborated to raise awareness about environmental protection by organizing a Nukkad Natak at the Amphitheatre of Gaiety Theatre on the Mall Road in Shimla. The theme of the Nukkad Natak was "Say No to Plastic". The students presented a presentation to spread awareness about the harmful effects of plastic on the environment. They explained how our unintentional actions are causing irreparable damage to nature. Plastic bags, empty chip packets, and soft drink bottles are all contributing to the accumulation of garbage in the environment, which is causing various problems.



Nukkad Natak October 4, 2022

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- **Cleanliness Drive**

On October 7, 2022, the Environment Cell and Disaster Management Cell of St. Bede's College Shimla, in collaboration with Shimla Municipal Corporation, organized a cleanliness drive named "Saf Ho Sundar Ho, AisaMera Bharat Ho" from Navbahar Chowk to The Secretariat in Shimla to emphasize the importance of cleanliness in society. The drive began at 11 a.m. and lasted until 2 p.m., during which over 70 students and four teachers actively participated.

The students handpicked plastic bottles and empty packets from the roads and packed them into garbage bags provided by the Shimla MC. The authorities had granted permission for the cleanliness drive beforehand, and the MC also provided masks, gloves, and a garbage truck for the initiative. The cleanliness drive not only contributed to the immediate cleanliness of the designated area but also aimed to create awareness among the participants and the public about the importance of maintaining cleanliness in their daily lives.



Cleanliness Drive conducted by Environment Cell and Disaster Management Cell on 7th October 2022

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- **Raising awareness on Biodiversity Conservation**

On October 7, 2022, as a part of wildlife week celebrations, B.Sc. III Medical students visited two schools, namely Govt. Sr. Sec. School, Sanjauli and Govt. Sr. Sec. School, Lakkar Bazar, to conduct a PowerPoint presentation on the topic of Wildlife Conservation and its importance. The audience comprised of students from class 9 to 12 and staff members of both the schools. The students covered various topics such as major threats to wildlife, effects of wildlife depletion, past and present wildlife of India, and the IUCN Red List. They also explained how having a particular animal or bird as an emblem of a state contributes to wildlife conservation. The interactive session with the students provided a great opportunity for them to learn about wildlife conservation. The event was highly useful and interactive, leaving everyone with a sense of satisfaction and value.



Wildlife Week Celebration on October 7, 2022

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- **Field visit to Western Himalayan Temperate Arboretum, Potter's Hill**

On October 20, 2022, a field trip to Potters Hill Nature Park was arranged for MSc. I and III semester students. The group of 35 students had a goal to discover the Western Himalayan flora. The purpose of the trip was to gain knowledge about various flora present in Himachal Pradesh, their cultivation techniques, and uses. The host who guided the group provided detailed explanations about different higher altitude plants and their uses. The students were introduced to various plants that are not typically cultivated in Himachal Pradesh, such as Ginkgo biloba, as well as plants found at higher altitudes in HP, such as Betula utilis. The students gained a lot of information about various aspects of Western Himalayan flora during the visit. Overall, the trip was informative and successful for the students.



Field visit to Western Himalayan Temperate Arboretum October 7, 2022

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- **Inter-college Declamation Competition under “Azaadi ka Amrit Mohotsav on the theme “Save Soil”**

On 5th December 2022, the Department of Geography organized an Inter-College competition on the theme "Save Soil." The competition saw participation from two local colleges, GDC Dhami and GDC Kotshera. St. Bede's College Shimla emerged as the winners, securing the first three positions.

- **World Mountain Day**

On 10th December 2022, the Environment Cell of St. Bede's College, Shimla, organized a Slogan and Poetry Writing Competition on the occasion of International Mountain Day. The theme for the event was "पहाड़ हमारे घर". Many talented girls participated and submitted their slogans and poems. The competitions allowed students to express their love for mountains and encouraged them to become ambassadors for the conservation and sustainable management of these unique environments.

To climb a Mountains!
Looks like a long way, a road to climb, so far way!
I take steps one after the other.
This place seems eerie, should I step back and come on some other day?
will my view of it change, is it okay to shudder?
Oh, dear mountains I wish to see your head!
will I tremble down if choose to climb instead?
As the sun starts peeping from the blanket of clouds,
the rays fall on the mountain top...
These rays give me hope and end all my doubts.
Now I begin this journey of climbing a mountain without a stop.
Oh, dear mountains I wish to see your head!
will I tremble down if choose to climb instead?
Golden hue covering all the pines,
Valleys so green and water so blue,
Immortal souls and curvy shrines,
Freshness in the air and morning dew.
Oh, dear mountains I wish to see your head!
will I tremble down if choose to climb instead?
As I am halfway up I can see,
The horizon, a sheer view of ecstasy.
I feel like a warrior ending his boredom, a spree.

Slogan and Poetry Writing Competition, December 10,2022

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- **Local Field Visit to the Directorate of Horticulture**

The Department of Botany organized a field trip on December 22, 2022, for both PG and UG students to visit the Department of Horticulture in Navbahar, Shimla. The objective of the trip was to observe various species of flowering plants and to learn about their value-added products. The department's scientists delivered an informative talk on floriculture, followed by an interactive session with the students. The students then visited the nurseries and greenhouses, where they observed a vast collection of flowering and medicinal plants such as Magnolia, Vinca major, Thuja, Asparagus, Tradescantia, Daisy (Asteraceae), Strelitzia (Bird of Paradise), Geranium, Utricularia, Rumex obtusifolius (Bitter dock), and Smilax. The experience was insightful and interesting for the Botany students, who gained knowledge about floriculture and value-added products from plants.



Field Visit to Directorate of Horticulture on December 22, 2022

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- **Annual NSS Camp**

Bede's College kicked off its NSS Camp on February 21, 2023, with 55 final, year students participating in full force. The event started with a welcome dance performance, followed by the presentation of an annual activities report by NSS President Sakshi. Dr. Hari Singh, the coordinator of NSS and director, was the chief guest for the day. Mr. Sanjeev Harnot conducted an Art of Living session on Youth Empowerment and Skills Development. At the end of the day, volunteers cleaned and maintained the College's library and computer lab. The NSS Camp at St. Bede's College commenced with great fervour and set the stage for a fulfilling and impactful experience for the participating students. It provided them with valuable opportunities for learning, growth, and service, aligning with the core values of the NSS program.



Annual NSS Camp was organized at St. Bede's College from February 21-27, 2023

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NSS Volunteers cleaning the college library during the Annual NSS Camp

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On the second day of the NSS Camp, St. Bede's College volunteers started their day with a morning assembly. This was followed by another Art of Living session conducted by Mr. Sanjeev Harnot. Afterwards, the volunteers participated in a cleaning drive within the college campus. They collected various waste materials and discarded them properly. The volunteers also went to clean the college library once again. The second day of the camp was marked by a combination of personal development sessions, community service activities, and a continued emphasis on cleanliness. The volunteers' active participation and commitment to making a difference reflected their strong sense of social responsibility and their desire to contribute to the betterment of their college community.



NSS Volunteers cleaning the college campus on the second day of the Annual NSS Camp

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NSS Volunteers cleaning the college campus on the second day of the Annual NSS Camp

The third day began with a prayer followed by the Art of Living session. Dr. Manish Gupta, who is a Professor and the Head of the Department of Radiotherapy at IGMC Shimla, was the speaker for the day. He delivered a presentation on breast cancer to raise awareness among the volunteers. Once the session ended, all the volunteers went to the adopted village of Dhanan for a cleanliness drive. The third day of the camp was marked by a blend of spiritual introspection, health awareness, and community engagement. The volunteers' participation in the Art of Living session, coupled with the informative presentation on breast cancer, equipped them with valuable knowledge and skills for personal growth and community outreach. The cleanliness drive in the adopted village further reinforced their dedication to creating a cleaner and healthier environment for all.

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NSS Volunteers went to the adopted village of Dhanan for a cleanliness drive

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On the fourth day of the camp, the morning started with an assembly followed by a session on "How to Manage Stress and Anxiety" conducted by the guest speaker of the day, Ms. Namratta Kaushal. Later, the volunteers joined the teachers from the Department of Botany for a Nature Walk where they learned about various types of flora and their significance in the treatment of human life. Additionally, a group of NSS Volunteers participated in an Inter-College Singing Competition. The fourth day of the camp further reinforced the core values of the NSS program, which emphasize holistic development, community engagement, and personal growth.



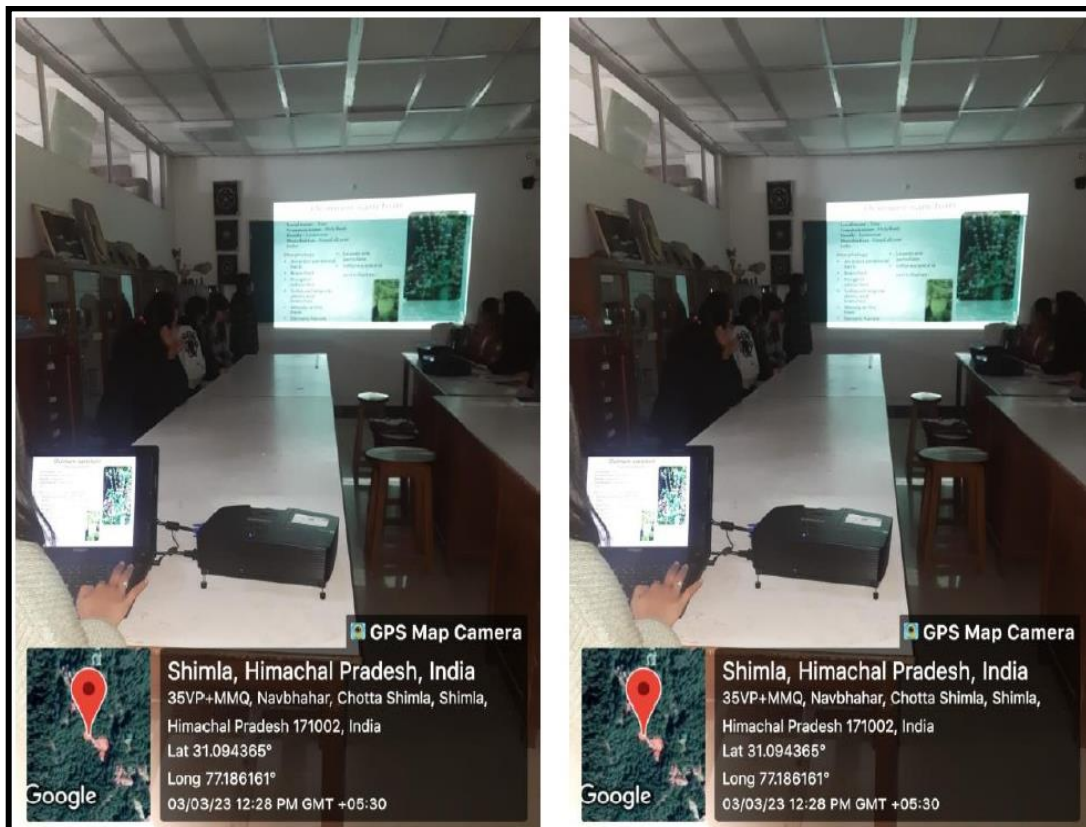
NSS Volunteers going for a nature walk on the fourth day

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- **Interdepartmental Activity on medicinal plants and their uses**

On March 3rd, 2023, an interactive session was organized by the Botany Department in collaboration with the History Department for the third-year B.Sc. and B.A. students. The session included a PowerPoint presentation on "Medicinal Plants and Their Uses," which highlighted the importance of Indian medicinal plants in combating various diseases.



PowerPoint presentation on medicinal plants and their uses, March 3, 2023

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- **National Seminar on “Building a Resilient Future: Integrating Environment, Economy and Technology”**

The Department of Geography at St. Bede's College, Shimla organized a two-day national seminar on the 24th and 25th of March, 2023. The seminar's theme was "Building a Resilient Future: Integrating Environment, Economy, and Technology," which emphasized the need to combine the three pillars of sustainable development - Economy, Environment, and Society (Technology).



National Seminar on March 24-25, 2023

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