



SUPPORTING DOCUMENTS
FOR
7.1.5
GREEN CAMPUS INITIATIVES



TABLE OF CONTENTS

	NAME OF THE ACTIVITY	PAGE NUMBER
GREEN CAMPUS INITIATIVES	Restricted Entry of Automobiles	4
	Pedestrian Friendly Pathways	4-9
	Ban on Use of Plastic	9-10
	Landscaping With Trees And Plants	10-15
	Smoke-Free Zone	17
ACTIVITIES RELATED TO GREEN CAMPUS INITIATIVES	Tree plantation drive	18
	National Students Paryavaran Competition	19-20
	Tree Plantation Drive in Collaboration with Municipal Cooperation Shimla	20-21
	Cleanliness drive	21-22
	Ozone Day Celebrations	22
	Quiz Competition on World Ozone Day	23
	Inter-Institute Research and Power-Point Competition	24
	Field Visit to explore local flora at Jakhu Hills	25-26
	World River Day	26-27
	An Exploration of Avian Fauna at St. Bede's College	28
	Swachhta Hi Seva Campaign	29
	Cleanliness Drive under the theme "Garbage Free India: Swachhta Hi Sewa"	29-30
	Intra-Department Quiz Competition on World Habitat Day	30-31
	World Habitat Day	31-32
	Collection and Disposal of Food Waste through Composting on 'World Food Day'	33-34
	World Food Day Celebration	34-36
	E-Waste Collection Drive	36-37



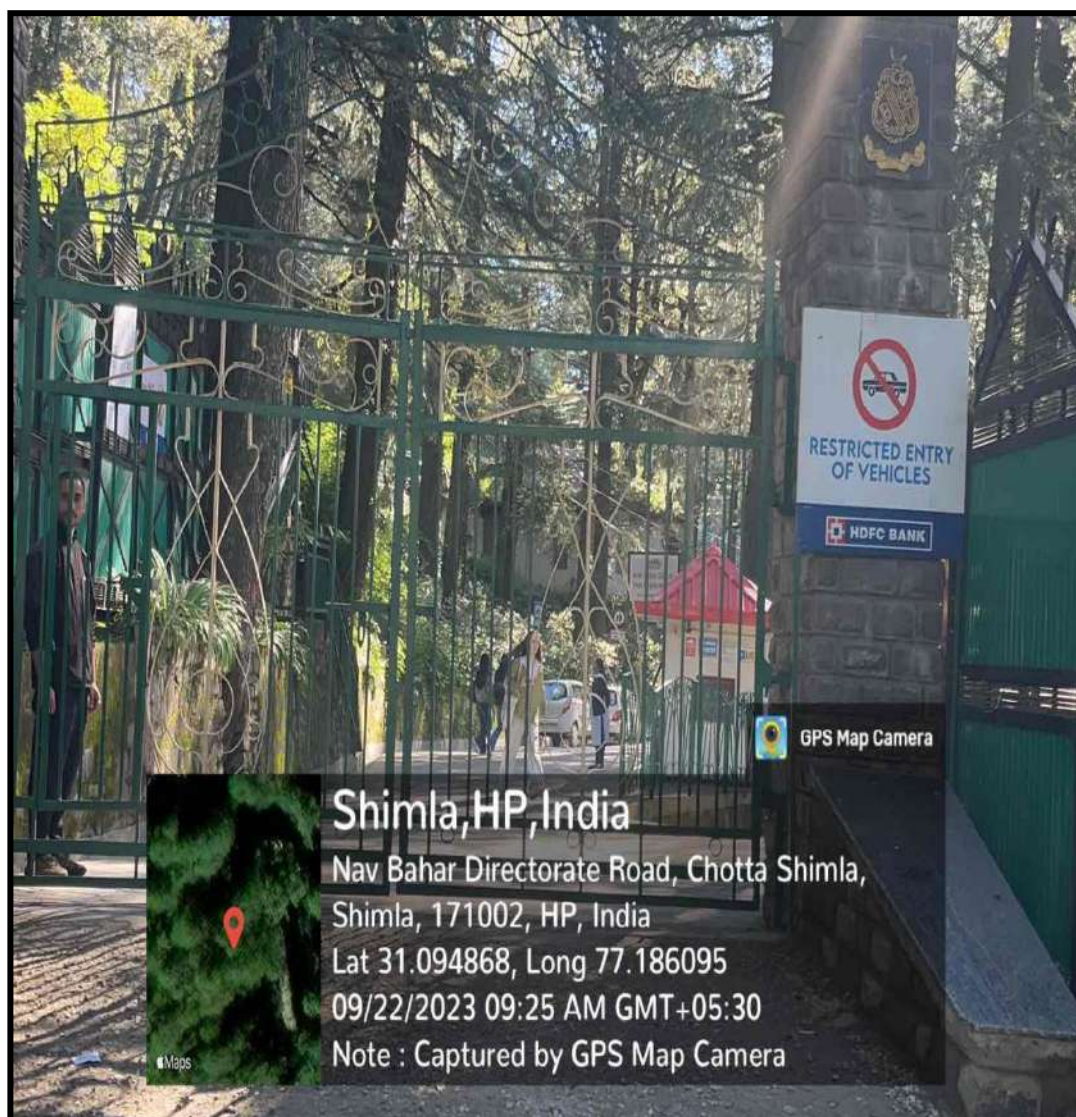
	Field Survey	38-40
	Compost Sale	40-41
	Educational Visit to Panjab University, Chandigarh	42-43
	Nukkad Natak on Transition to Sustainable Living	43-45
	Guest Lecture on “Traditional Ethnobotanical Knowledge of Native Plant Diversity from Himachal”	45-47
	Campus Flora Familiarization Session for Faculty	47-49
	Fine Arts Exhibition	49-50
	Educational visit to NBPGR (National Bureau of Plant Genetic Resource) Regional Station, Phagli, Shimla and Flora exploration	51-52



GREEN CAMPUS INITIATIVES

1. RESTRICTED ENTRY OF AUTOMOBILES

The college campus restricts vehicle access, allowing only staff to enter and park their cars. A campus security guard maintains a guest register to track visitors' information. College students utilize bus passes to encourage more frequent use of public transportation.



Restricted Entry of Automobiles

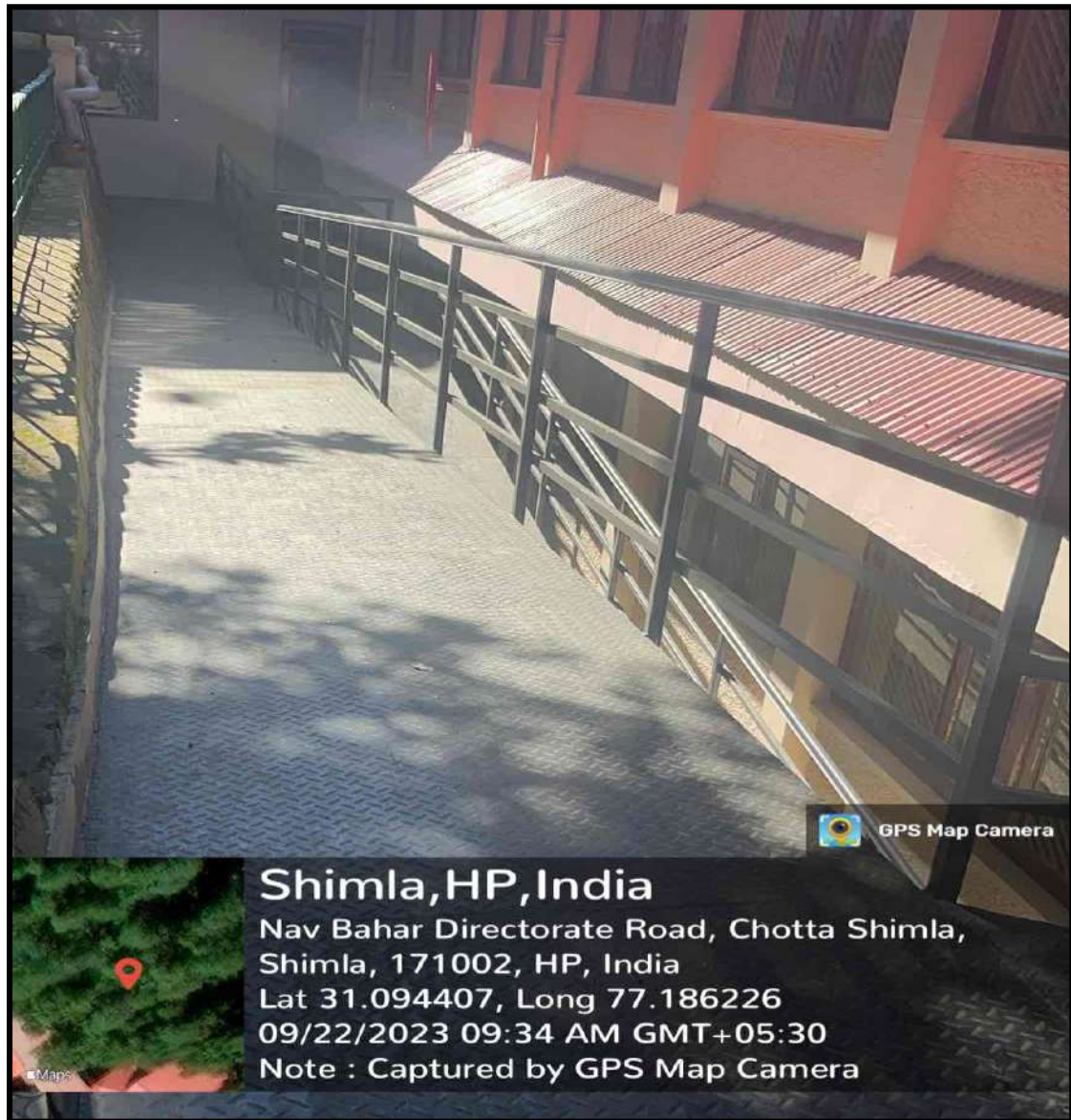


2. PEDESTRIAN FRIENDLY PATHWAYS

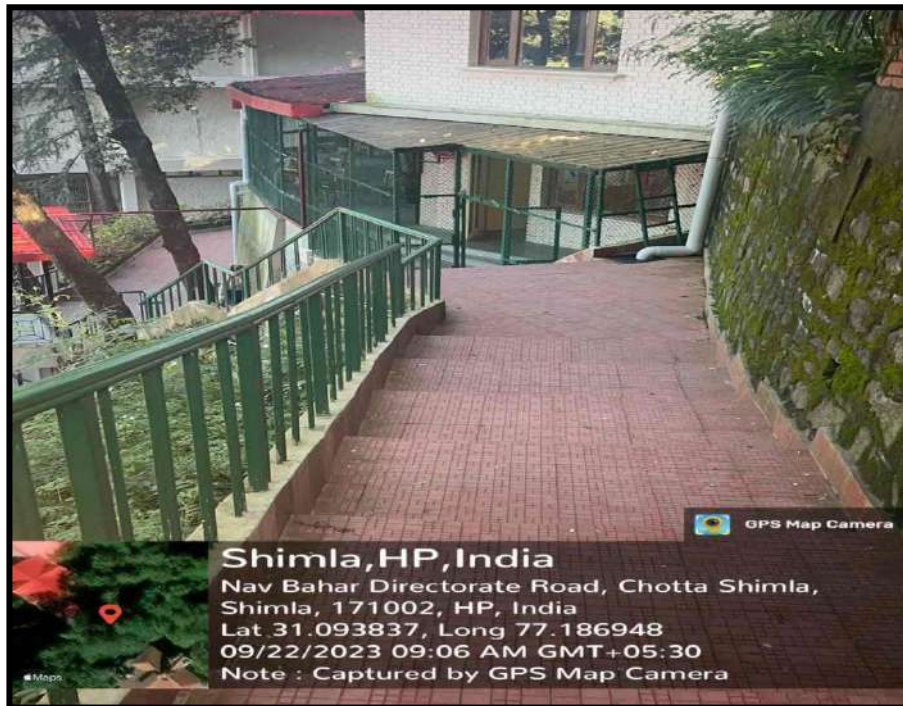
St. Bede's College, situated in the mountainous surroundings of Shimla, has implemented pedestrian-friendly walkways and staircases equipped with railings to facilitate winter travel, particularly during snowfall.



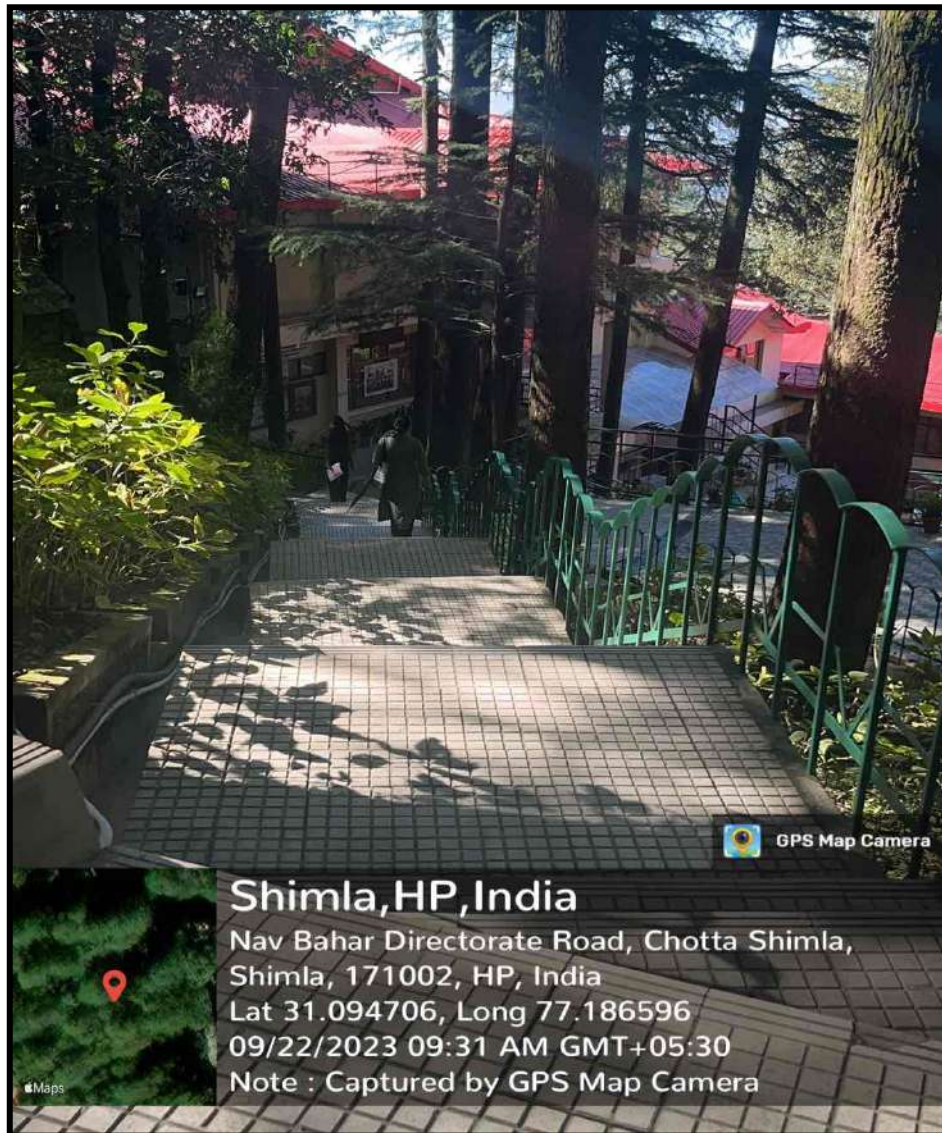
Pedestrian Friendly Pathways



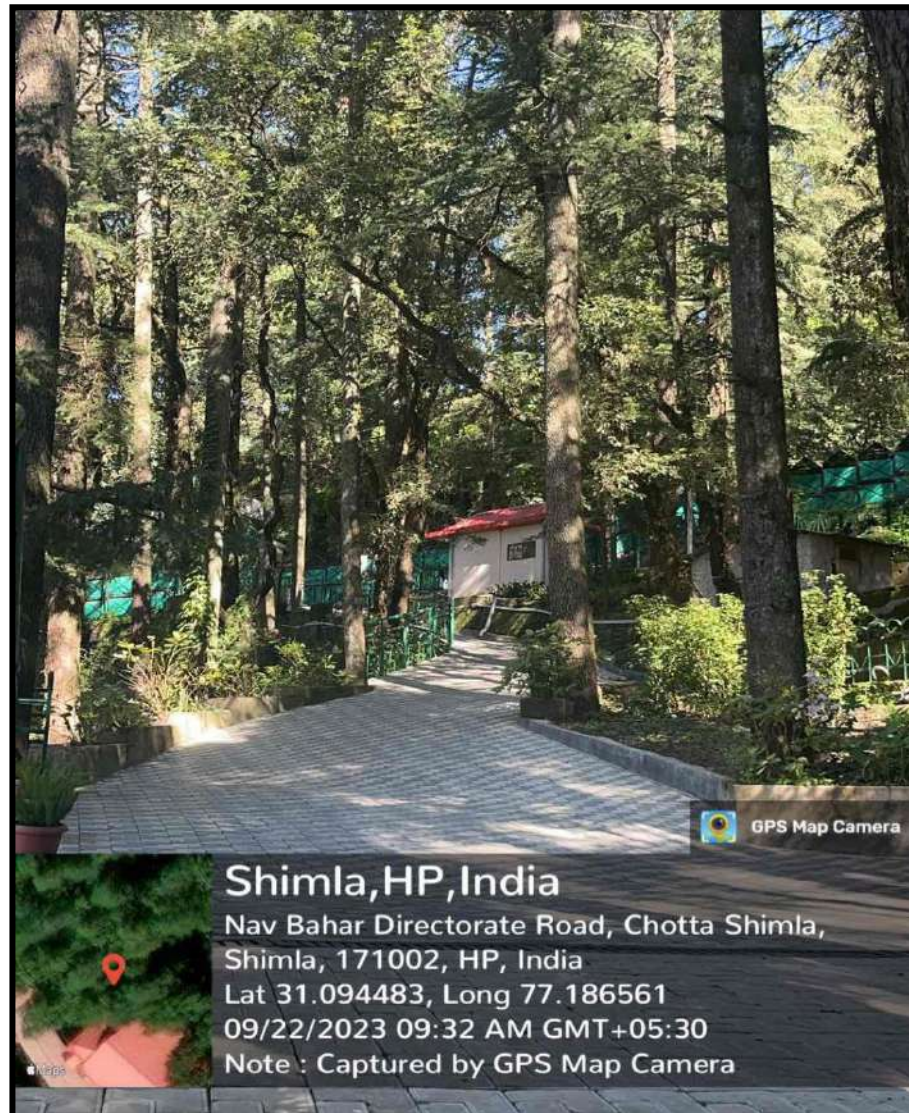
Ramps



Pedestrian Friendly Pathways



Pedestrian Friendly Pathways

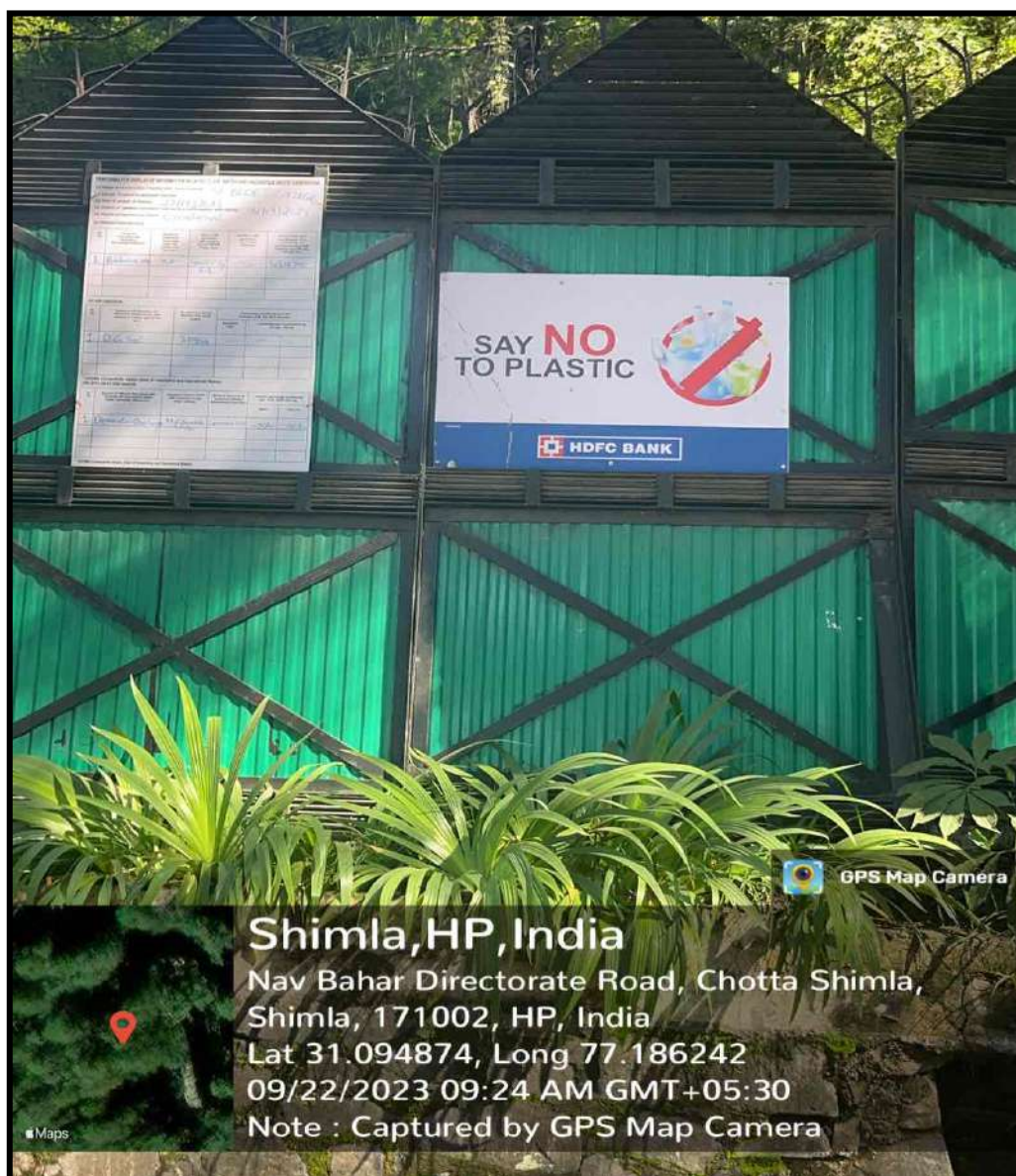


Pedestrian Friendly Pathways



3. BAN ON THE USE OF PLASTIC

The usage of polythene is strictly prohibited on the St. Bede's campus. Students are cautioned against using or bringing plastic products to class. Students and employees are frequently made aware of the dangers of using plastic through a range of activities organized by departments and groups.

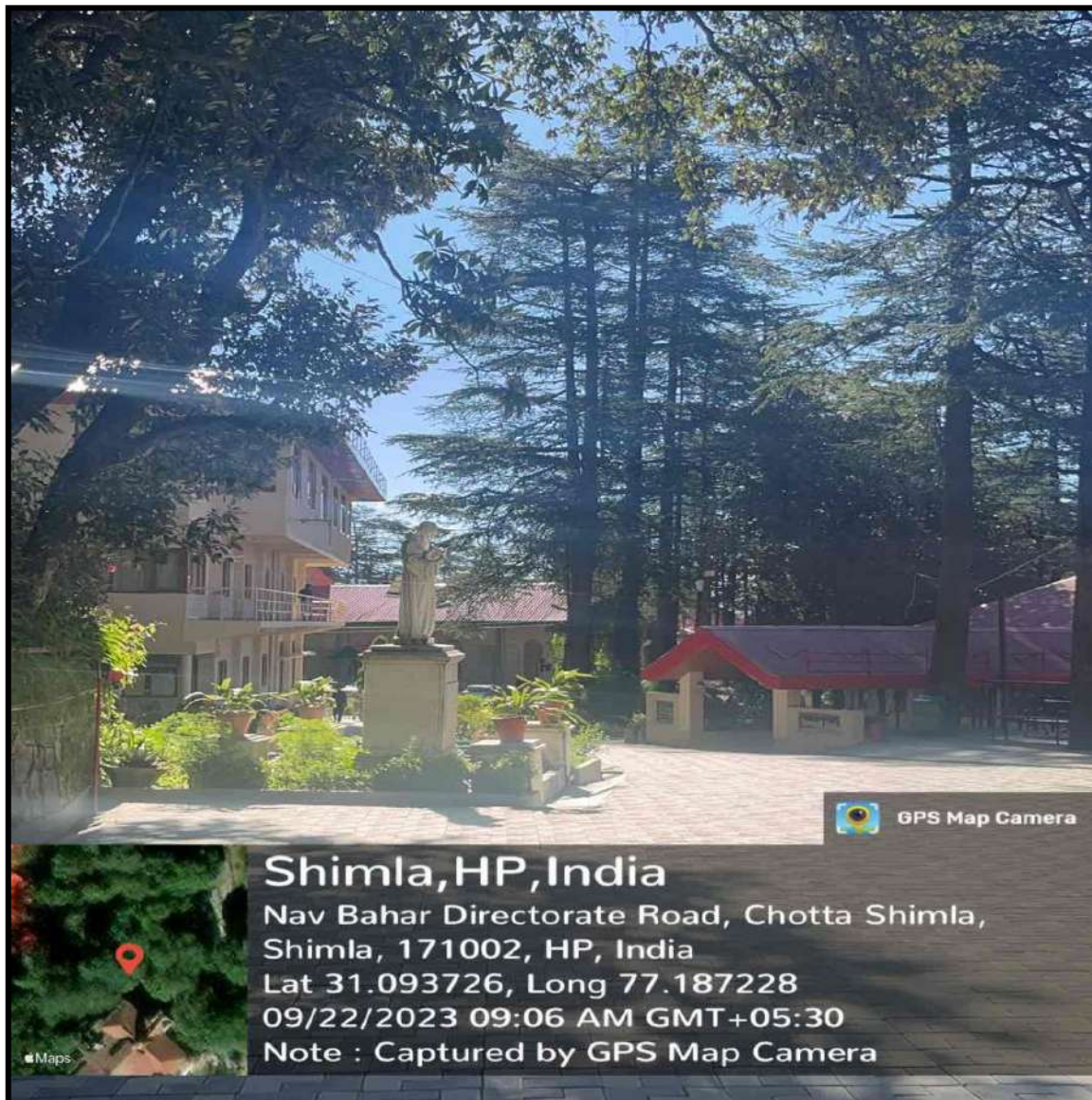


Ban on plastic use

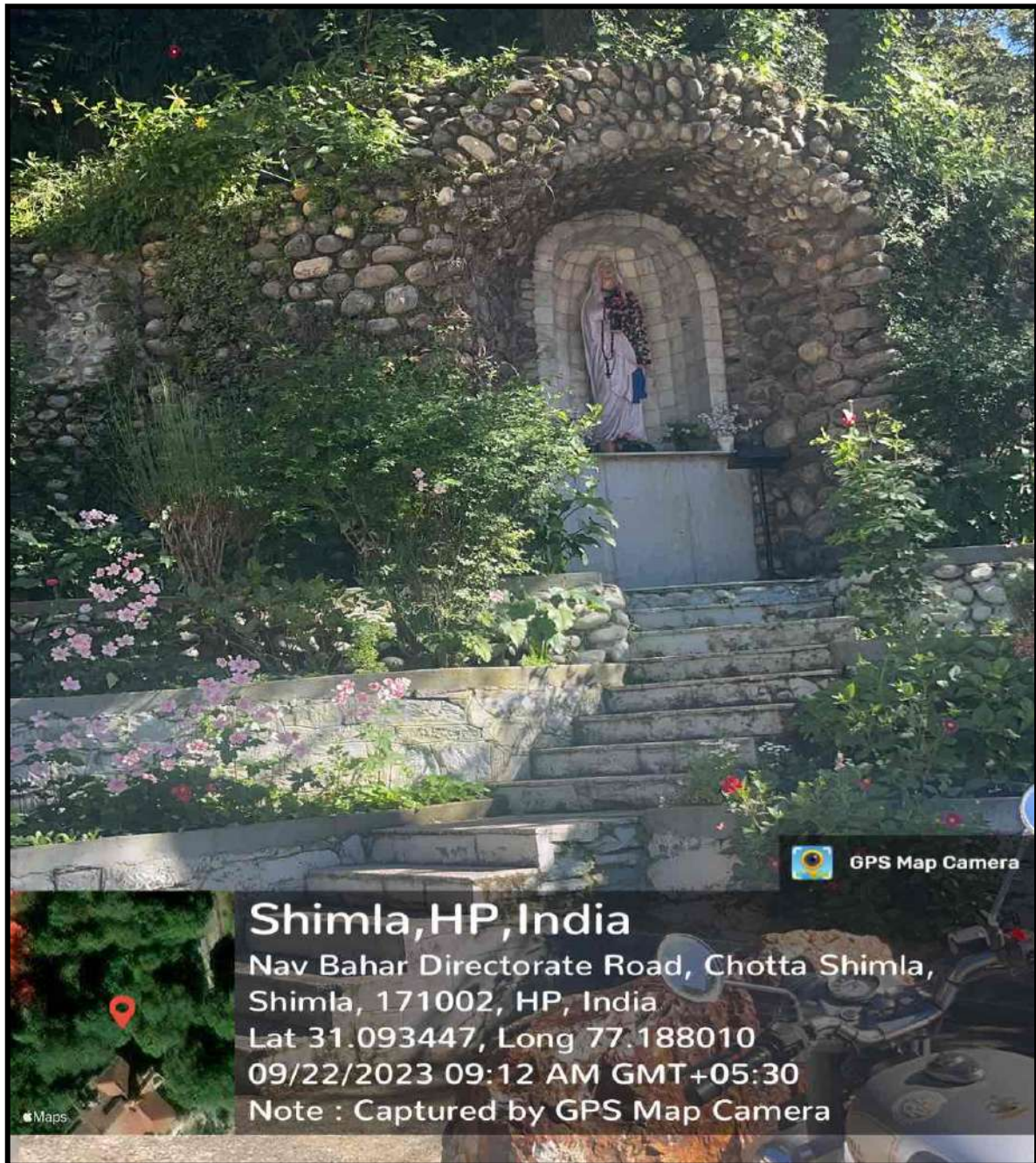


4. LANDSCAPING WITH TREES AND PLANTS

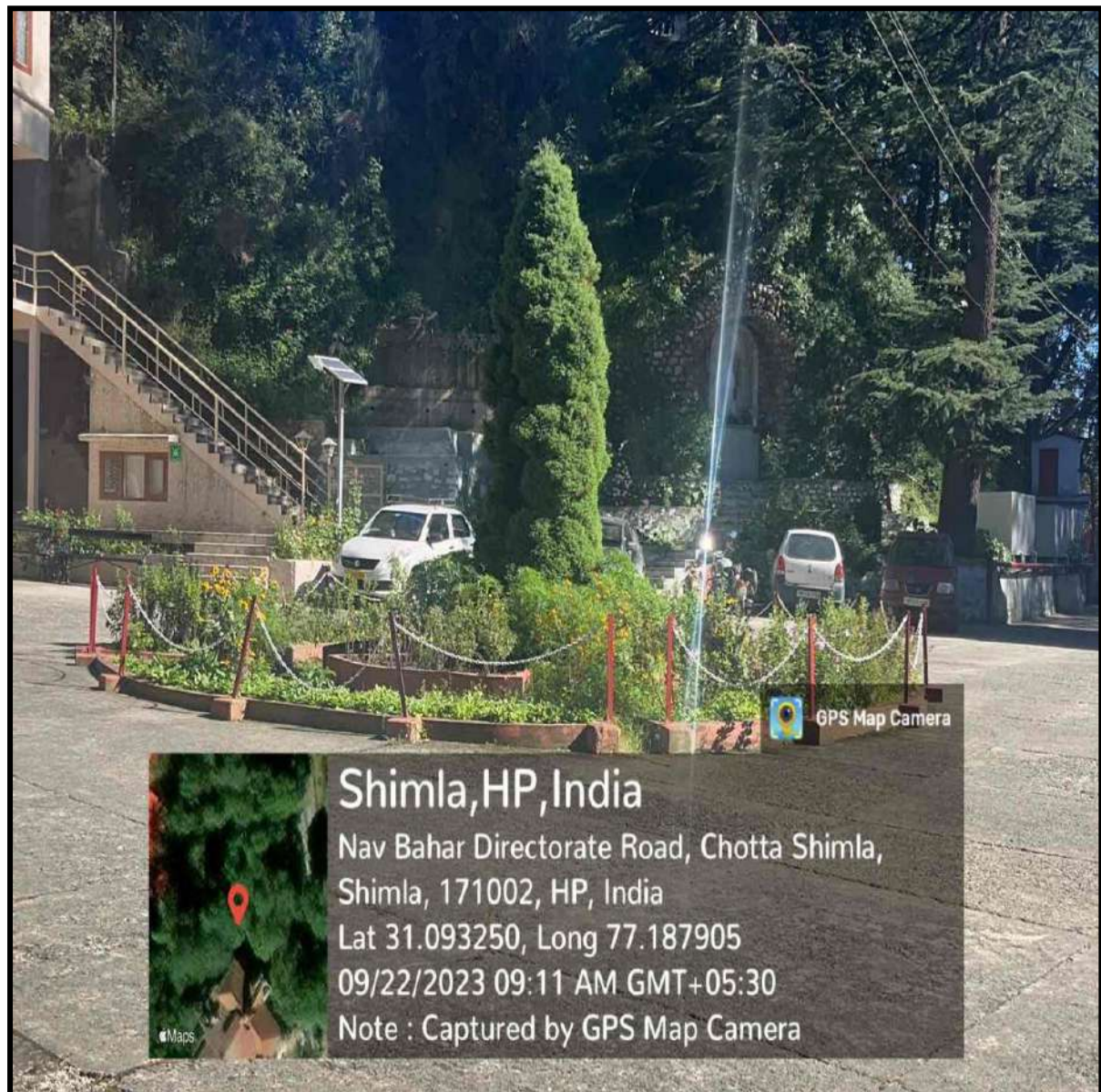
Oak, Rhododendron, and Cedar trees around the college, provide year-round shade, fresh air, and a tranquil environment. For almost a century, the institution has increased its built-up area while protecting and maintaining its green cover. A comprehensive Taxonomy of the College Flora has been done by the college to help visitors, students, and other stakeholders become familiar with the different types of trees and plants.



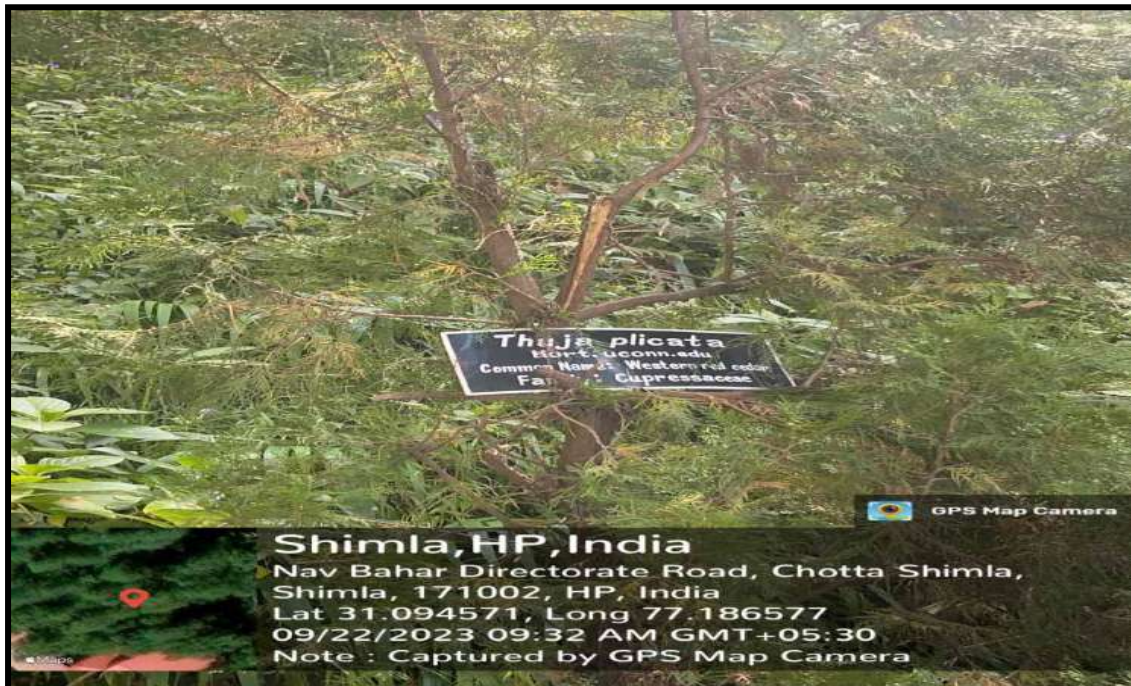
Landscaping



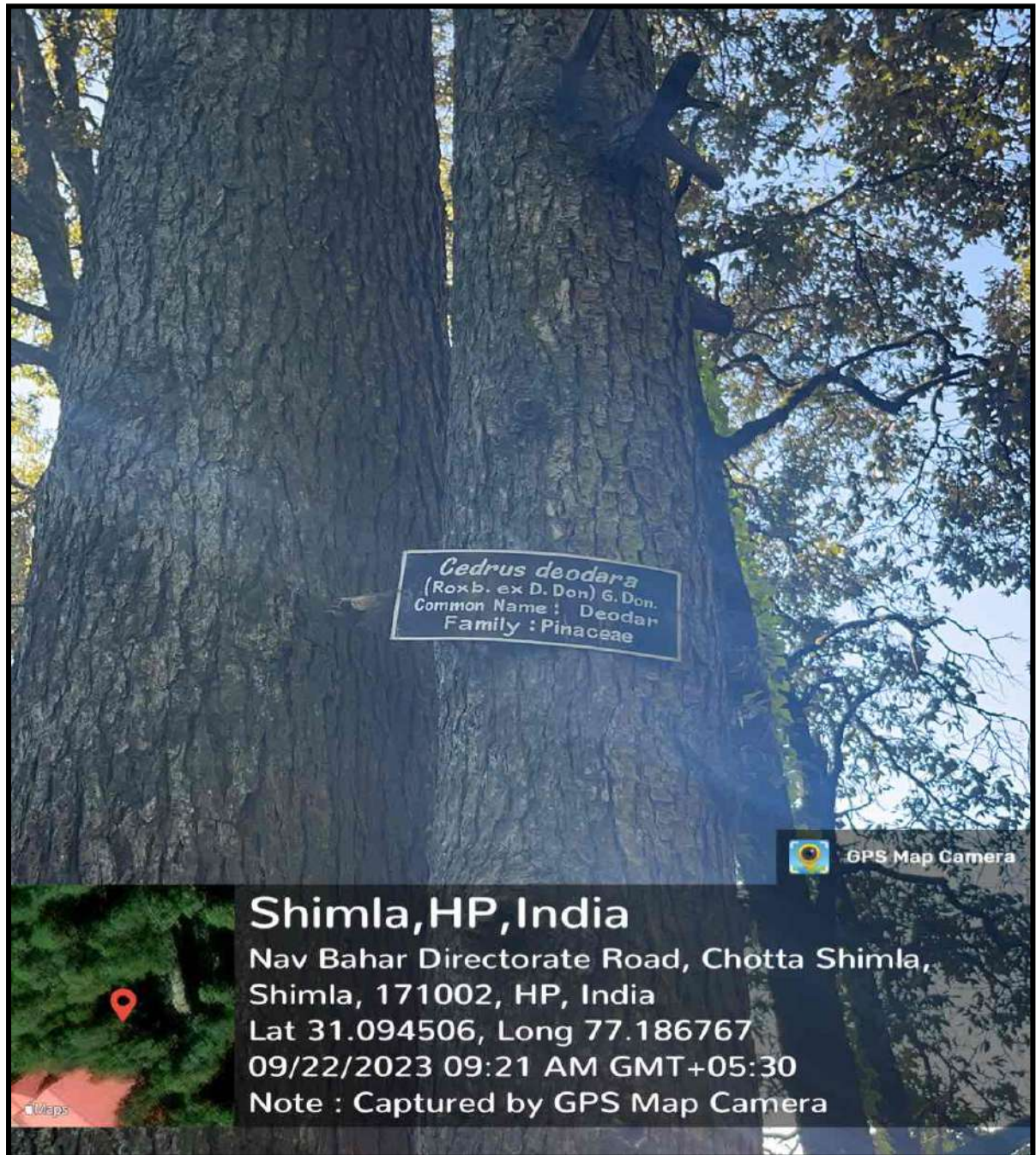
Landscaping



Landscaping



Taxonomy of Campus Flora



Tree Taxonomy



5. SMOKE-FREE ZONE

Smoking is not permitted anywhere on campus. In the composting unit, dried leaves and biodegradable waste generated on the campus are transformed into manure.



Smoke free campus



Smoke-free campus



GREEN CAMPUS INITIATIVES

TREE PLANTATION DRIVE

The volunteers of the NSS Unit of St. Bede's College conducted Tree Plantation Drive on August 1, 2023, in the surrounding areas in Navbahar and the college campus. The activity helped students connect with nature and promote ecological balance. It aimed to combat deforestation by planting a diverse range of native trees, enhancing biodiversity, and mitigating the impacts of climate change.

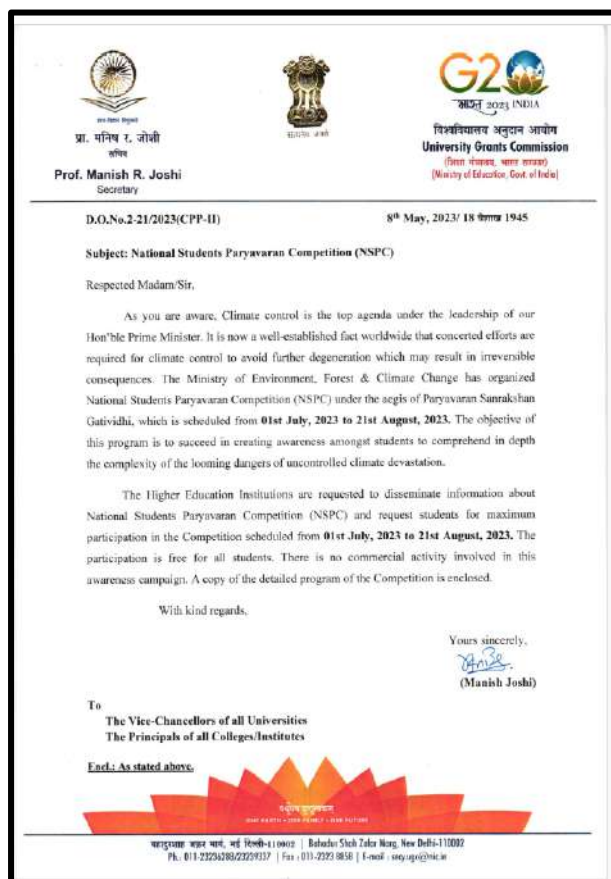


Tree plantation drive on August 1, 2023



NATIONAL STUDENTS PARYAVARAN COMPETITION

St. Bede's College Shimla, Himachal Pradesh, took part in various activities mentioned under the Government of India initiative, "National Students Paryavaran Competition, *Ek Ped Desh Ke Naam*. The initiative aimed to sensitize the students regarding contemporary environmental problems and their remedial measures. Over twenty students registered themselves on the website (<https://ecomitram.app/nspc23>) and participated in the quiz. The students participated in a plantation drive in the college campus and initiated the same in their respective households to make India greener. Thus contributing to the noble cause of environmental protection.



Certificates for the Participation



Students planting various plants at their homes



The certificates issued to the students and faculty for planting trees



TREE PLANTATION DRIVE IN COLLABORATION WITH MUNICIPAL CORPORATION SHIMLA

On August 31, 2023, a tree plantation drive took place in Municipal Ward 21 Dhalli Mashobra. The initiative was jointly organized by the Geography Department of St. Bede's College Shimla and the Municipal Corporation Shimla. The activity aimed to enhance green cover, promote environmental consciousness, and foster community engagement in sustainable practices.



Tree Plantation Drive under the theme "Ek Buta Desh ke Naam" on August 31, 2023



CLEANLINESS DRIVE

The NSS unit of the college started a cleanliness drive on September 1, 2023, intending to make a meaningful and lasting impact on the cleanliness and hygiene standards of the community, promoting a culture of responsibility and care for the environment. The surrounding areas in Navbahar and the college campus were cleaned by the volunteers under the supervision of program incharge.



Cleanliness Drive on September 1, 2023

OZONE DAY CELEBRATIONS

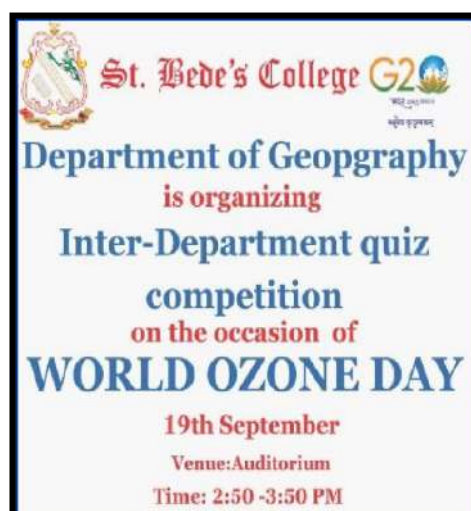
The Fine Arts Society celebrated World Ozone Day on September 16, 2023, by organizing a themed poster-making competition. The objective of this day is to spread awareness about the importance of the ozone layer which is present in the lower level of the stratosphere.



Poster Making Competition on Ozone Day on September 16, 2023

QUIZ COMPETITION ON WORLD OZONE DAY

On the occasion of World Ozone Day, the Department of Geography organized an inter-departmental quiz competition under the theme ***“Fixing the Ozone Layer and Climate Change”***. The event concluded with a clear understanding of ozone layer depletion phenomena and other environmental concepts among the students.



Brochure



Quiz Competition on the occasion of World Ozone Day on September 19, 2023

INTER-INSTITUTE RESEARCH AND POWER-POINT COMPETITION

Inter Institute Research and powerpoint competition on September 20, 2023, on the theme “Disaster in Himalayas: a call for introspection”. The objective of this activity is to harness the collective expertise and creativity of participants to advance knowledge, raise awareness, and contribute to the development of effective strategies for mitigating the impacts of disasters in the Himalayas.

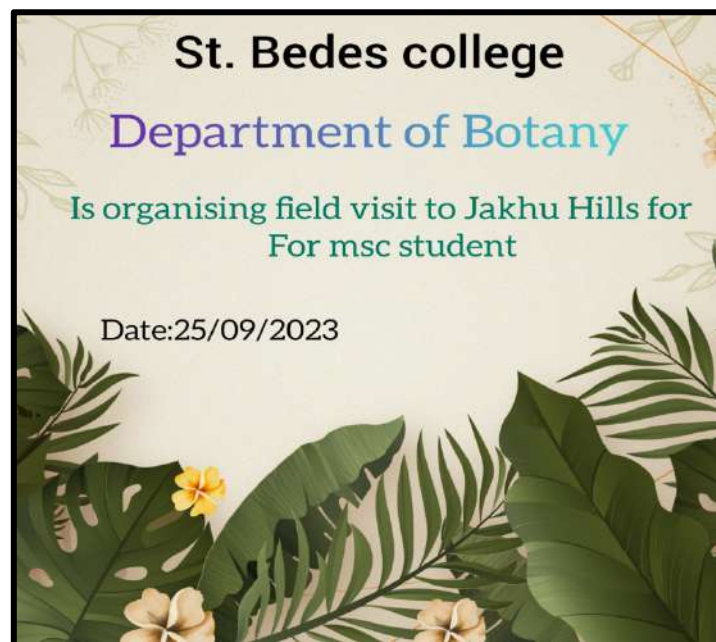




Inter-Institute Research and Power-Point Competition on September 20, 2023

FIELD VISIT TO EXPLORE LOCAL FLORA AT JAKHU HILLS

The Department of Botany organized a local field visit for M.Sc. students on September 25, 2023 to Jakhu Hills. The visit was conducted to familiarize the students with plant species of the local community, assess their distribution, study their ecological importance and perform taxonomic studies for the identification and classification of plants into different groups.



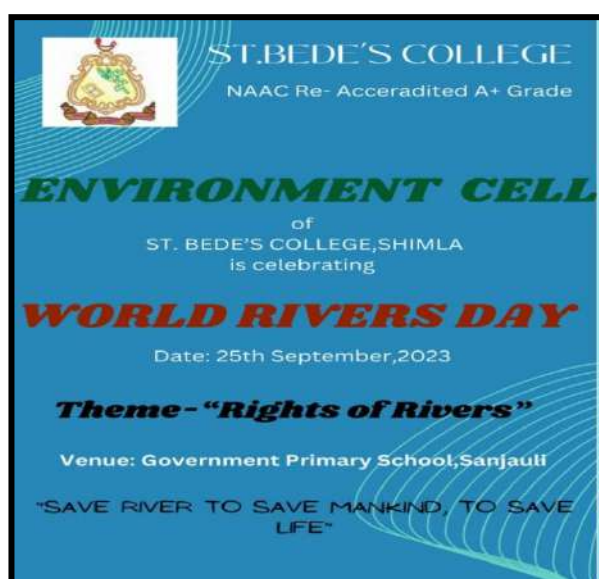
Local flora exploration at Jakhu hills on September 25, 2023



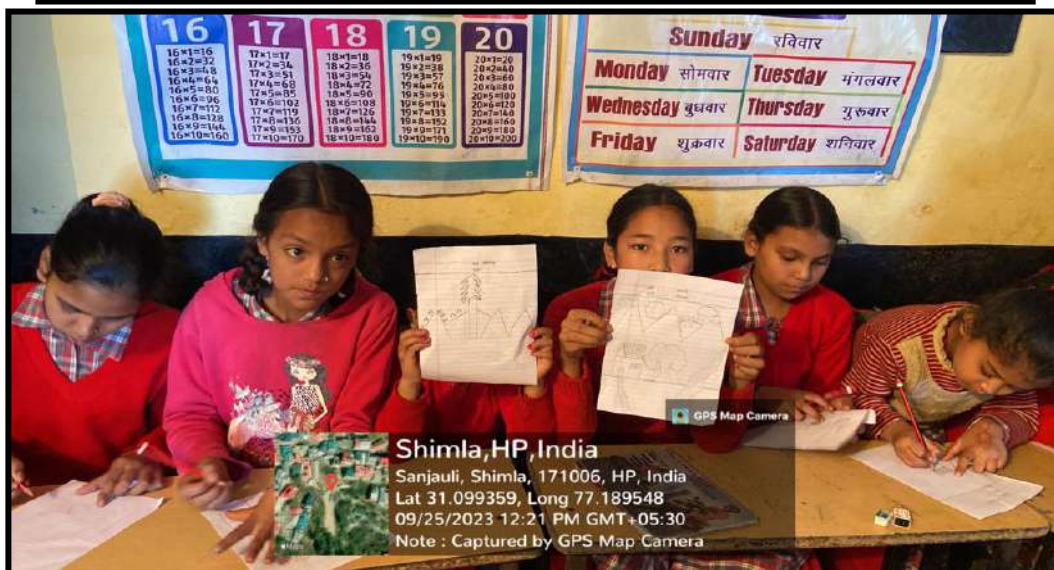
Local flora exploration at Jakhu hills on September 25, 2023

WORLD RIVERS' DAY

An awareness program was organized by the Environment Awareness Cell under the theme of **Nanhe Sanrakshak** on the occasion of **World Rivers' Day** which was on September 25, 2023, at Govt. Primary School, Sanjauli. The objective of the Activity was to interact with the school students and share with them the knowledge regarding river water pollution and its harmful impacts.



Brochure

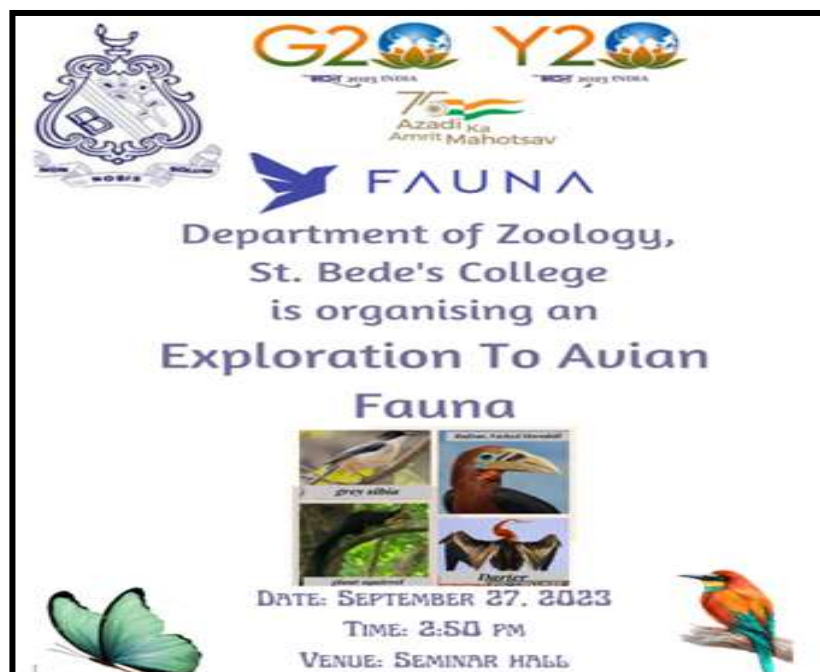


World River Day celebration on September 25, 2023



AN EXPLORATION OF AVIAN FAUNA AT ST. BEDE'S COLLEGE

Department of Zoology, St. Bede's College organised an activity on 'Exploration of Avian Fauna' at St. Bede's College on September 27, 2023. This activity made the students aware of the avian fauna present on the college campus. Additionally, the event highlighted the educational and research opportunities related to biodiversity, teaching students about ecosystems, species interactions, and the interconnectedness of life on Earth.



Session on Avian Fauna on September 27, 2023



SWACHHTA HI SEVA CAMPAIGN

The volunteers of the NSS Unit of St. Bede's College started the Swatchhta Hi Seva campaign from the 15th of September till the 2nd of October. The Principal of the college Sister Molly Abraham administered "Swatchhta Oath" to the volunteers and program in-charges. The primary objectives of the campaign include promoting cleanliness awareness, community participation and waste management.



*Swatchhta oath being administered under Swatchhta hi Seva campaign on
September 30, 2023*

CLEANLINESS DRIVE UNDER THE THEME "GARBAGE FREE INDIA: SWACHHTA HI SEWA"

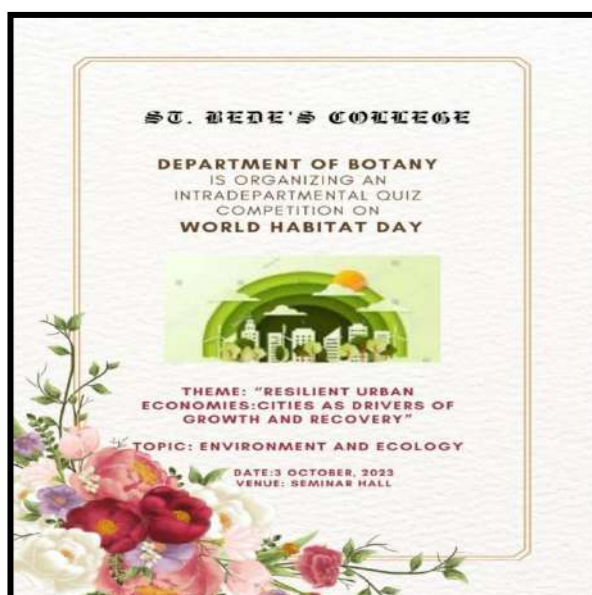
On October 1, 2023, the NCC cadets of St. Bede's College, Shimla and GDC Kotshera under 7HP(1) COY NCC, Shimla conducted a cleanliness drive under the theme "Garbage free India: Swachhta hi Sewa" in Khalini. The main purpose of the drive was to create awareness among the students and society regarding cleanliness and its benefits. The activity motivated students to contribute to the betterment of our community and environment by actively participating in cleanliness activities and maintaining our public areas.



Cleanliness Drive at Rani Jhansi Park and Navbahar on October 1, 2023

INTRA-DEPARTMENT QUIZ COMPETITION ON WORLD HABITAT DAY

To celebrate World Habitat Day, the Department of Botany at St. Bede's College organized an intra-department quiz competition focusing on the topic 'Ecology and Environment'. This initiative aimed to enhance the understanding of our environment and its significance in the context of sustainable habitat.



Brochure



Intradepartmental Quiz on World Habitat Day on October 3, 2023

WORLD HABITAT DAY

On October 3, 2023, the Department of History in collaboration with the Department of Geography observed the World Habitat Day, under the theme “Resilient Urban Economies- Cities as drivers of growth and recovery” and essay and slogan writing competitions were organized. The aim was to instil an understanding of how responsible planning and implementation can contribute to environmental friendly and resilient communities.



ST. BEDE'S COLLEGE SHIMLA

DEPARTMENT OF HISTORY AND DEPARTMENT OF GEOGRAPHY ARE CELEBRATING

WORLD HABITAT DAY

DATE: 3 OCTOBER 2023

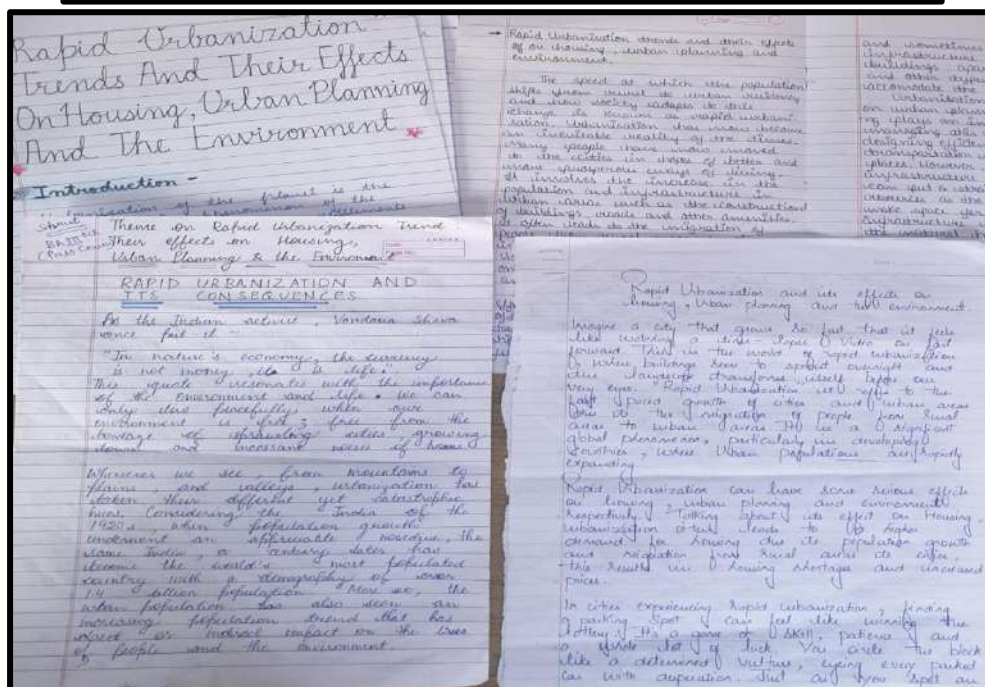
THEME : RESILIENT URBAN ECONOMIES.

CITIES AS DRIVERS OF GROWTH AND RECOVERY

FOLLOWING ACTIVITIES ARE:

1. ESSAY WRITING - THEME ON THE RAPID URBANIZATION TRENDS AND THEIR EFFECTS ON HOUSING, URBAN PLANNING, AND THE ENVIRONMENT.
2. SLOGAN WRITING - ON WORLD HABITAT DAY

Submission open 3-30 pm
Date : 3 October 2023
submit to Ridhim Thakur secretary heritage club



Essay and slogan writing competitions on World Habitat Day on October,2023



COLLECTION AND DISPOSAL OF FOOD WASTE THROUGH COMPOSTING ON 'WORLD FOOD DAY'

On October 16, 2023, on the occasion of World Food Day the students of the Department of Biotechnology of St. Bede's College collected food waste and other organic waste from the college canteen and disposed of them in the composting site of the college. The activity aims to expose students to the scientific principles underlying the composting process through the perspective of biogeochemical cycles and – more broadly – to notions of eco-citizenship and sustainable development.



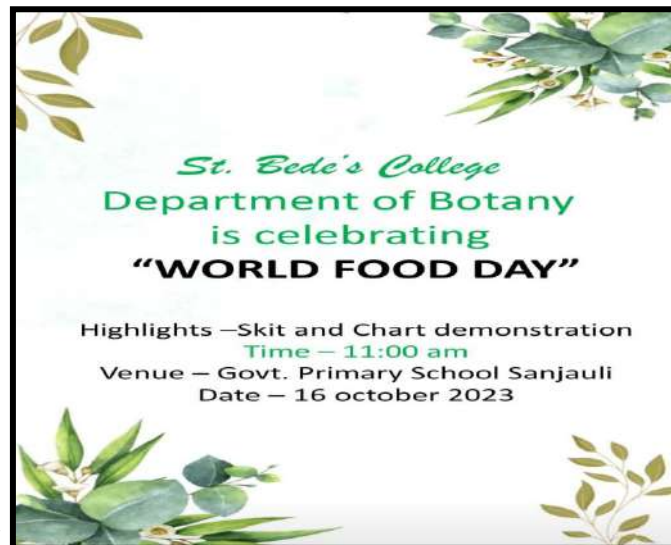
World Food Day Celebration on October 16, 2023



World Food Day Celebration on October 16, 2023

WORLD FOOD DAY CELEBRATION

The students of the M.Sc.-Botany of St Bede's College celebrated World Food Day at the Government primary school, Sanjauli on October 16, 2023. With the help of posters, they spread awareness about healthy and unhealthy food. After the presentation, they performed a skit entitled "Healthy vs. Unhealthy food" which portrayed the benefits of eating healthy and the ill effects of eating unhealthy junk food.



*Skit and Chart Demonstration at Govt. Primary School, Sanjauli on World Food Day
 Celebration on October 16, 2023*



Skit and Chart Demonstration at Govt. Primary School, Sanjauli on World Food Day celebration on October 16, 2023

E-WASTE COLLECTION DRIVE

The Environment cell of St. Bede's College, Shimla organized an E-Waste Collection Drive from 14th -18th October, 2023. A cardboard box was placed on the college campus where students put in various old electronic items like old phones, wires, headphones, tabs, kettles etc. and any other electronic and electric device that is no longer in use. Then on 18th October 2023, the collected E-Waste was deposited with the e-waste van at Chotta Shimla. The drive succeeded in spreading the message of proper management of electronic waste among the students.



ST. BEDE'S COLLEGE
NAAC Re- Accredited A+ Grade

ENVIRONMENT CELL
on the occasion of
INTERNATIONAL E-WASTE DAY
is organising a
**E-WASTE COLLECTION CUM
AWARENESS DRIVE**
From: 14th-18th OCTOBER, 2023

**THEME-"YOU CAN
RECYCLE ANYTHING WITH
A PLUG, BATTERY OR A
CABEL"**

Venue: COURTYARD

Shivalik Solid Waste Management Limited Unit-II
Regd. Office : Village Majra, P.O. Dabhota, Tehsil Malerganj Distt. Solan Himachal Pradesh - 174 101
Works at : Village Upperia Nangal, P.O. & Tehsil Malerganj, Distt. Solan Himachal Pradesh - 174 101
Telephone : 91795-292891, E-mail : rajinder.kumar@sswml.com, rajinder.kumar@sswml.co.in
GSTIN : 02AAJCS747017, CIN : U03130HP2005PTC02804, Mob. 98279 71553, 78499 28131

Sr. No. 062 Dated 18/10/23

E-WASTE RECEIPT/ACKNOWLEDGEMENT SLIP

Item/ E-Waste Received From Sri. Bede's College - Shimla - HP
Address: Nav Bazar - Shimla
Mobile No.: 98166-26025
Type of E-Waste: Miscellaneous Qty. _____ Nos. _____ Kg _____
This Material is received on FOC Basis/Payment Basis
Amount If any: 100/- Mode of Payment: Online/ Other
UPI id - 829192509112
Signature of Sender _____ Signature of receiver _____ Authorised signatory _____
Shivalik Solid Waste Management Limited
Providing solution for Clean Environment Website : <http://www.sswml.com>

PCB-J001/5/2022-NGT SECTION-STATE POLLUTION CONTROL BOARD-Part(1)
1/26/6/29/2023

LIFE
H.P. State Pollution Control Board
H.N. Purbeli, Bikaner, Bikaner, Rajasthan 334001
Phone No. 0177-2673766, 2673020 FAX: 0177-2673018

G20
H.P. State Pollution Control Board
H.N. Purbeli, Bikaner, Bikaner, Rajasthan 334001
Phone No. 0177-2673766, 2673020 FAX: 0177-2673018

No. HPSPCB/E-Waste (Management) Rules, 2016/22 10 JCG-29
Dated 14-10-2023
To
Head of the School/College
As per list attached

Subject:- Organizing an E-Waste Collection cum Awareness drive from 16th to 21st October, 2023.

Sir/Madam,
As you are aware, E-waste is one of the fastest growing waste streams in the world. As our reliance on electronic devices continues to increase, so does the amount of e-waste generated. E-waste includes any electronic and electric device that is no longer in use or has reached the end of its life cycle. The increase in e-waste poses a significant threat to the environment, mainly due to the toxic materials used in the devices such as lead, cadmium, mercury and brominated flame retardants, which can cause significant damage to the environment and human health if not disposed of properly.

In order to ensure scientific management of E-Waste, the Ministry of Environment, Forests, and Climate Change notified the E-Waste Management Rules, 2016 on 2nd November, 2016 in supersession of the E-Waste (Management) Rules, 2011.

Further, in order to raise awareness and facilitate actions to improve management of E-Waste, "International Electronic (E) -Waste Day" (IEWD) is commemorated on 14th October every year. The slogan for the occasion for this year is "You can recycle anything with a plug, battery or cable".

Thus, in order to celebrate the IEWD, State Board has scheduled 'E-waste Week' from 16th to 21st October, 2023 in order to address the problem and to make people more aware about E-waste management. In the week-long campaign, an awareness cum collection drive shall be conducted wherein a mobile van shall be deployed in Shimla City in collaboration with M/s Shivalik Solid Waste Management Ltd (a CPCB authorized Recycling facility in Himachal Pradesh) and Inner Wheel Club of Shimla Midtown and incentives shall be given on deposition of the E-Waste. The proposed schedule of the collection drive shall be as follows:-

Date	Route/ Area covered
16 th Oct. 23	Phase-III HPSPCB HQ, BCS, New Shimla, Shimla, D.C. Office, Shimla (collection Kiosk shall be set up at D.C. Office Shimla)
17 th Oct. 23	D.C. Office, Shimla (collection Kiosk shall be set up)
18 th Oct. 23	H.P. Secretariat, Shimla (collection Kiosk shall be set up)
19 th Oct. 23	Kanung Khatri, Chota Shimla, Sansauli, Dhali, Bhatahaur
20 th Oct. 23	Baranaghal, Kasumpti, Virasagar, Terri, Marjara



E-Waste Collection Drive conducted from October 16 to 21, 2023

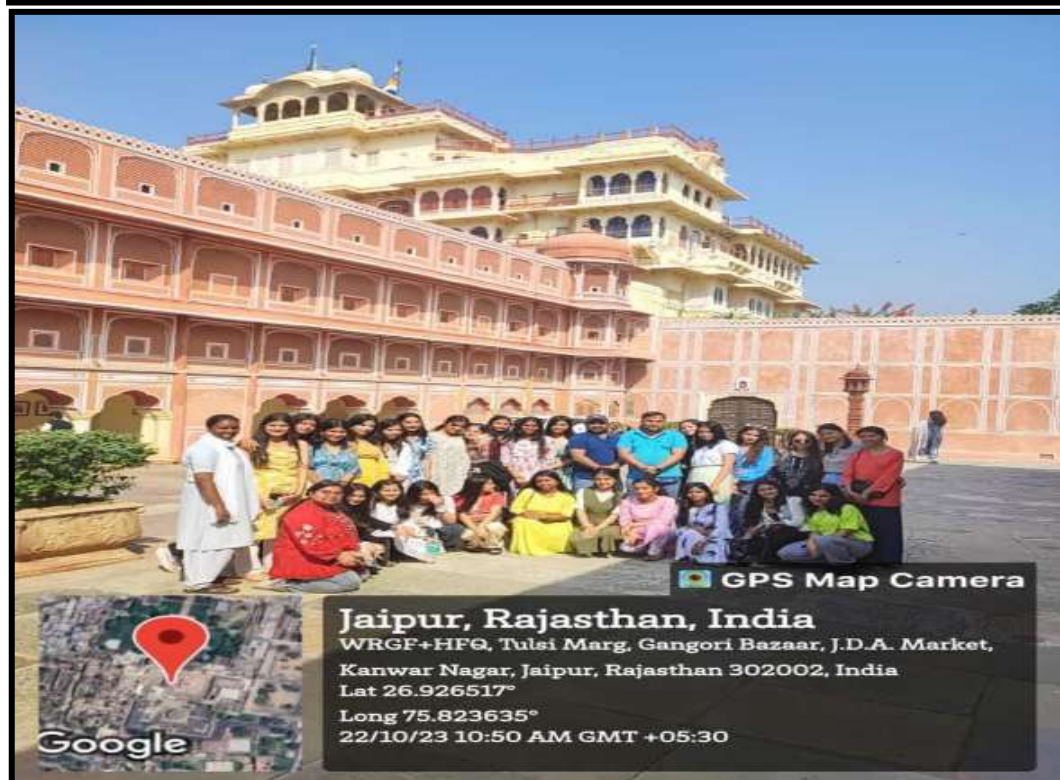


FIELD SURVEY

On October 19 and October 20, a student exchange program between the Department of Geography St. Bede's College, Shimla and Sophia Girls' College, Ajmer was organized to develop research, data collection, and analytical skills among our students. The primary objective of this activity was to promote interdisciplinary learning by exploring various aspects of geography, such as physical geography, human geography, and environmental studies.



Field visit to City Palace and Students while taking a survey from the locals



Field visit to City Palace and Students while taking a survey from the locals



Field visit to City Palace: Students while taking a survey from the locals

COMPOST SALE

The Department of Biotechnology and Microbiology of St. Bede's College, Shimla organized a sale of compost on November 3, 2023, which was inaugurated by the Principal of the college, Prof. (Sr.) Molly Abraham. The idea is to demonstrate scientific principles underlying the composting process through the perspective of biogeochemical cycles and more broadly to explain notions of eco-citizenship and sustainable development to students and faculty. The compost was sold under the brand name of Bede's Biocom.



Brochure

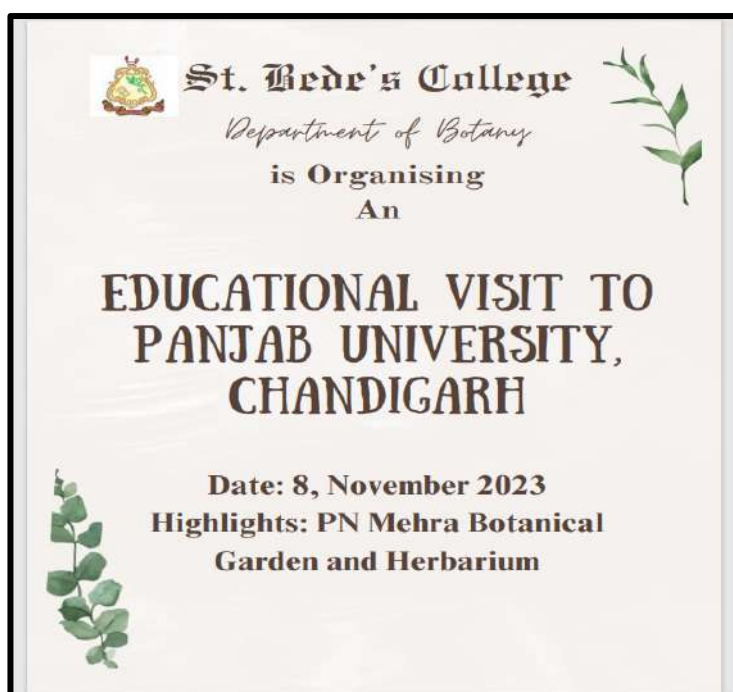


Compost Sale on November 3, 2023



EDUCATIONAL VISIT TO PANJAB UNIVERSITY, CHANDIGARH

The Department of Botany, St. Bede's College organized an educational visit on 8th November 2023 to Panjab University, Chandigarh for the students of MSc. I and III semester. The visit helped the students gain a deeper understanding of the different types of plant groups and herbarium techniques. They learned about nursery techniques and how to grow, multiply, acclimatize and then transplant plants. The students gained a lot of information and knowledge about conserving and enriching plant biodiversity through the exchange of plants and seeds.



Brochure






Educational Visit to Panjab University, Chandigarh on November 8, 2023

NUKKAD NATAK ON TRANSITION TO SUSTAINABLE LIVING

On November 22, 2023, the Environment Cell of St. Bede's College organized a Nukkad Natak on the theme, '*Transition to Sustainable Living*' to raise awareness among the people about the importance of sustainability and its advantages to future generations. The Nukkad Natak emphasized the concept of the 3R's of Sustainable Development that is Reduce, Reuse and Recycle. The students through the nukkad natak tried to spread the message of environment protection through proper treatment of household garbage, through the use of public transport and by saving other natural resources.



ENVIRONMENT CELL

OF

ST. BEDE'S COLLEGE

IS ORGANISING

A NUKKAD NATAK

ON THE THEME

"TRANSITION TO SUSTAINABLE LIVING"

DATE: 22 NOVEMBER, 2023

VENUE: THE MALL, SHIMLA

RECEIPT

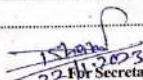
GAIETY DRAMATIC SOCIETY
GAIETY HERITAGE CULTURAL COMPLEX,
THE MALL, SHIMLA-1 (H.P.)

R.NO.GDS- **2422** DATED **22-11-2023**

Received with Thanks Total sum of ₹ **300/-** from Sh. **St. Bede's College Shimla H.P.** on account of Hiring charges/Maintenance charges of Old Theatre/ Multipurpose Hall/Seminar (Conference Hall)/ Tavern Hall/ Amphitheatre/ Rehearsal Area with detail as under:-

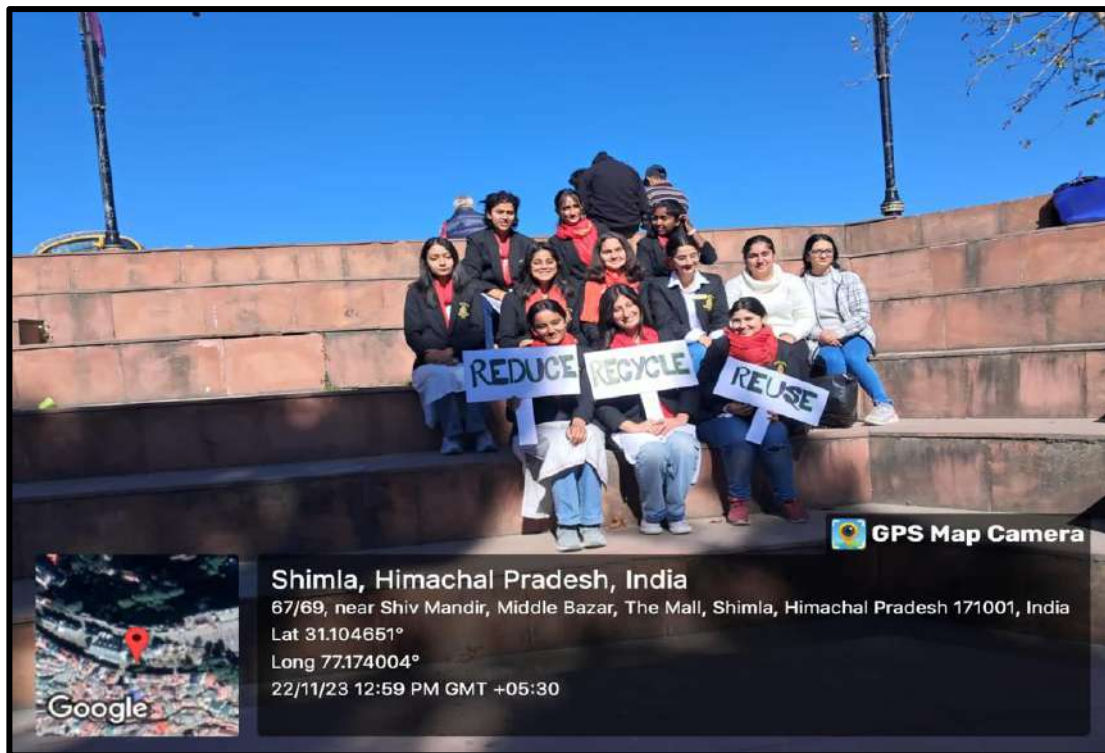
No.	Charges	Amount
1.	Hiring Charges/Maintenance Charges	300/-
2.	Retention Charges	
3.	Stage Rehearsal Charges	
4.	Rehearsal Area Charges	
5.	Damage Charges	
6.	Penal Charges/Security Charges	
7.	Other Charges	

For the period Dated **22-11-2023** to Dated **22-11-2023**
 Amount ₹ **Three Hundred Rupees Only.**
 VIDE CASH/CHEQUE NO. **Cash**


22-11-2023
 Secretary,
 Gaiety Dramatic Society,
 Gaiety Heritage Cultural Complex,
 The Mall, Shimla-1 (H.P.)



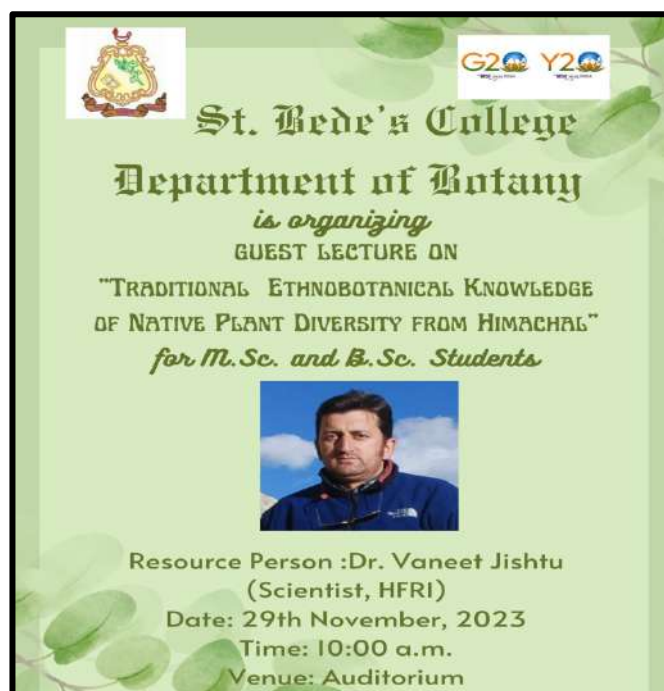
Nukkad natak on Transition to Sustainable Living on November 22, 2023



Nukkad natak on Transition to Sustainable Living on November 22, 2023

GUEST LECTURE ON “TRADITIONAL ETHNOBOTANICAL KNOWLEDGE OF NATIVE PLANT DIVERSITY FROM HIMACHAL”

The Department of Botany, St. Bede's College organized a guest lecture on “Traditional Ethnobotanical Knowledge of Native Plant Diversity from Himachal” on November 29, 2023, for postgraduate and Undergraduate students in the auditorium. The resource person for the guest lecture was Dr. Vaneet Jishtu, Scientist E, ICFRE, HFRI, Panthaghati, Shimla. During the session, Dr. Vaneet Jishtu imparted valuable information to the students about the diverse Ethnobotanical plants found in Himachal Pradesh and their potential applications for mankind. His presentation covered the multifaceted uses of these plants, including their roles as dyes, food sources, timber, medicinal resources, and other Non-Timber Forest Products.



Brochure



Guest lecture on Traditional Ethnobotanical Knowledge of Native Plant Diversity from Himachal on November 29, 2023



Guest lecture on Traditional Ethnobotanical Knowledge of Native Plant Diversity from Himachal on November 29, 2023

CAMPUS FLORA FAMILIARIZATION SESSION FOR FACULTY

Department of Botany in collaboration with Herbal Garden Cell organized a campus flora familiarization session for faculty on February 8, 2024. This session aimed to provide an engaging opportunity for faculty to explore and learn about the diverse plant life on our campus. Faculty members became more aware of the importance of preserving and protecting the variety of plant species to support sustainability.



Brochure



Campus Flora Familiarization Session for Faculty on February 8, 2024



Campus Flora Familiarization Session for Faculty on February 8, 2024

FINE ARTS EXHIBITION

The Fine Arts Society of St. Bede's College organized an 'Art Exhibition' on 22nd February 2024. Different craft items including- college invitations, mandala art, origami animals, dairies, paintings, bookmarks, and origami flowers were exhibited which were made out of recycled paper manufactured in the paper recycling unit in the college itself by the students. This activity provided students with an opportunity to promote the usage of recycled paper in different ways.

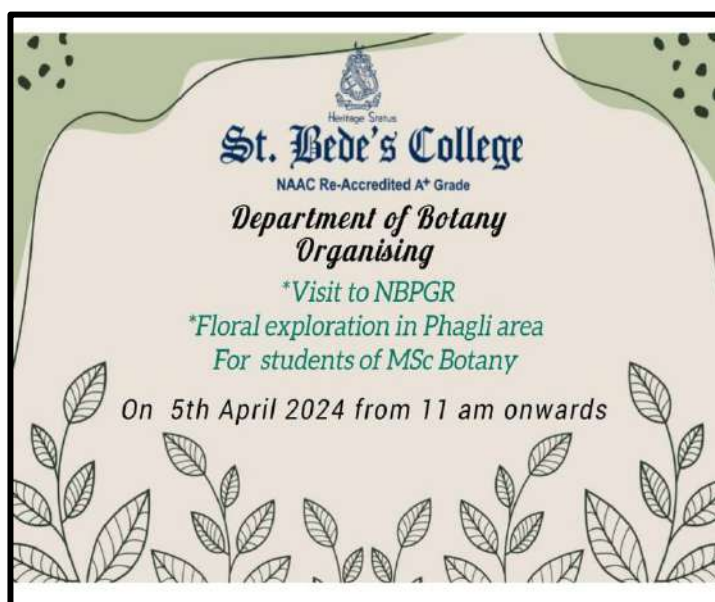


Fine Art Exhibition on February 22, 2024



EDUCATIONAL VISIT TO NBPGR (NATIONAL BUREAU OF PLANT GENETIC RESOURCE) REGIONAL STATION, PHAGLI, SHIMLA AND FLORA EXPLORATION

The Department of Botany, St. Bede's College organized an educational visit on April 5, 2024, to the National Institute of Plant Genetic Resources (NBPGR), Phagli, Shimla for the students of MSc. II and IV semesters. The visit provided a deeper understanding to the students of local as well as exotic plant diversity. The students gained a lot of information and knowledge about conserving and enriching plant bio-diversity through the exchange of plants and seeds. They gained a deep understanding of advanced instrumentation available in the institute.



Brochure



Visit to NBPGR on April 5, 2024