



SUPPORTING DOCUMENT

FOR

7.1.3

**FACILITIES IN THE INSTITUTION FOR THE MANAGEMENT OF DEGRADABLE
AND NON-DEGRADABLE WASTE**



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SOLID WASTE MANAGEMENT

Our institution has established a comprehensive Solid Waste Management system to manage waste across the campus effectively. Garbage bins are strategically placed in instructional areas, laboratories, the auditorium, and various departmental locations to ensure efficient waste collection. This organized strategy maintains a consistently clean and orderly campus while demonstrating our commitment to reducing plastic pollution.

To enhance waste sorting, we have introduced a colour-coded bin system: blue bins are designated for non-biodegradable waste, while green bins are for biodegradable materials.

- **Separate Dustbins for Waste**



Separate Dustbins for Waste



Separate Dustbins for Waste



- The Canteen Serves Food on Steel Plates



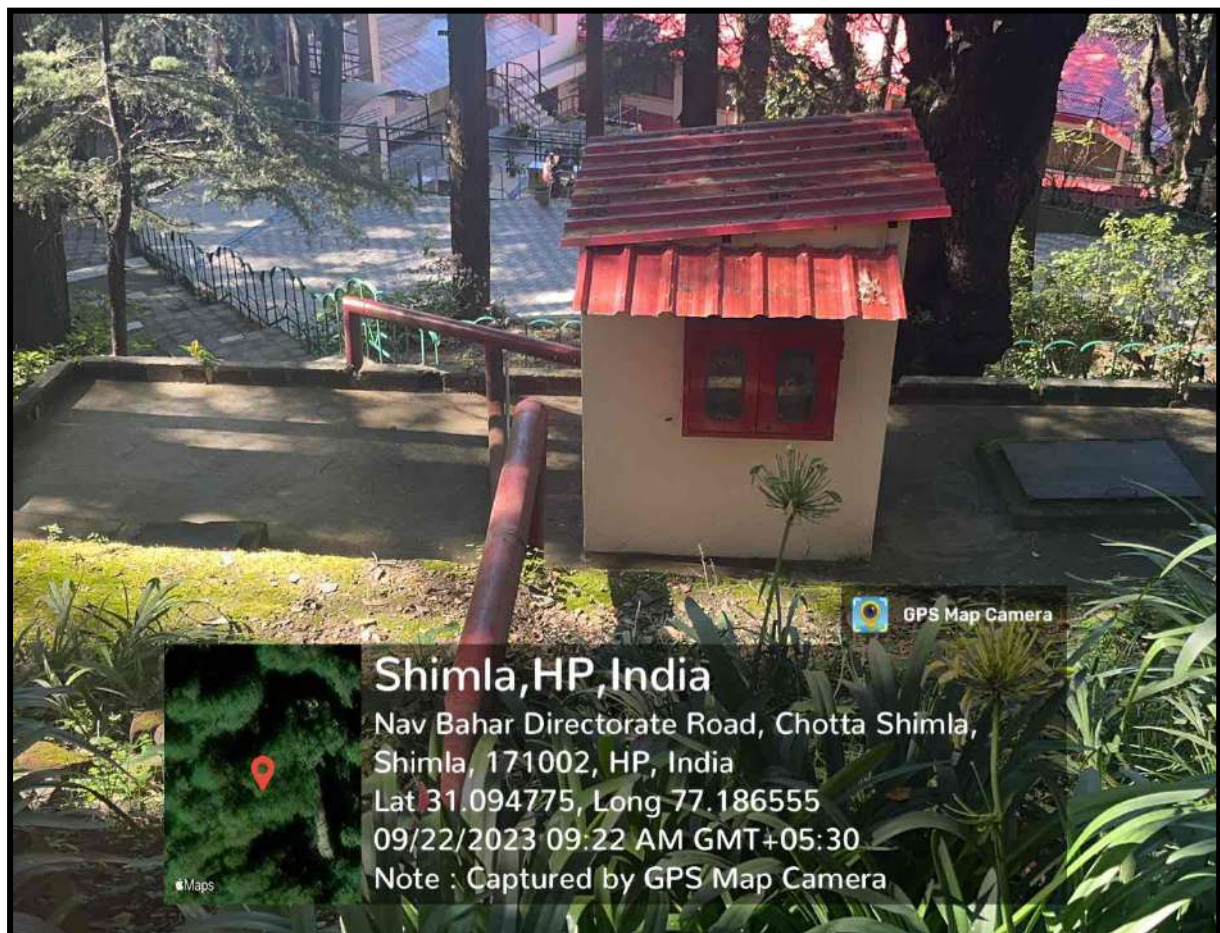
The Canteen Serves Food on Steel Plates



LIQUID WASTE MANAGEMENT

The college has a 100,000-liter rainwater harvesting system with an automatic motor to prevent spillage. The campus maintenance committee is responsible for ensuring the integrity of the water pipes on campus, promptly addressing and repairing any leaks that arise. Additionally, all liquid waste generated by the college is efficiently managed through connection to the Municipal sewage system. The college has a proper sewage system to divert the liquid waste to the waste pits. It facilitates the maintenance of a clean campus and prevents water clogging in the campus premises.

- **Rainwater Harvesting System**



Rainwater Harvesting System



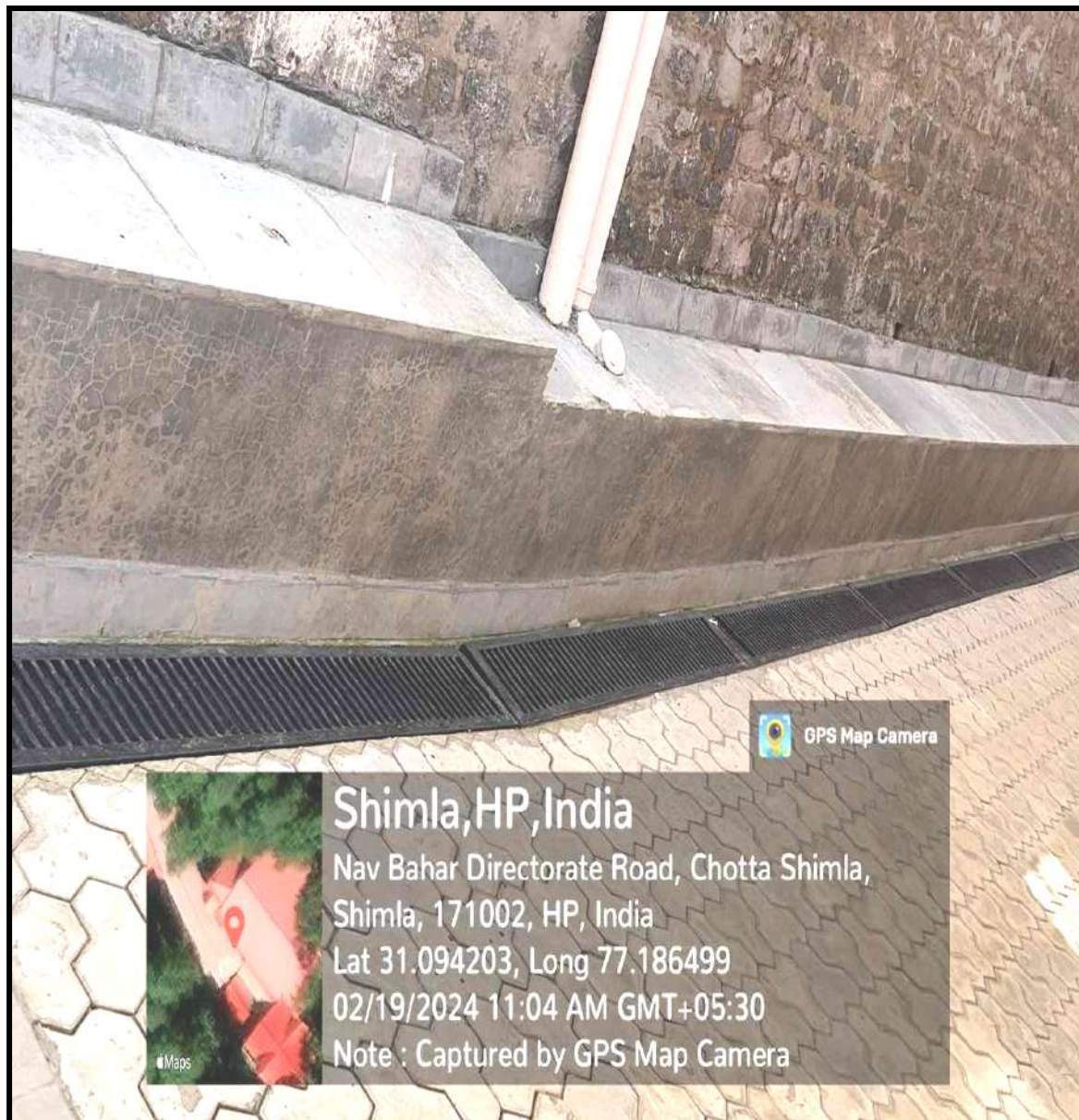
Rainwater Harvesting Tank Acts as Pumping Station



- Proper Sewage System



Proper Sewage System

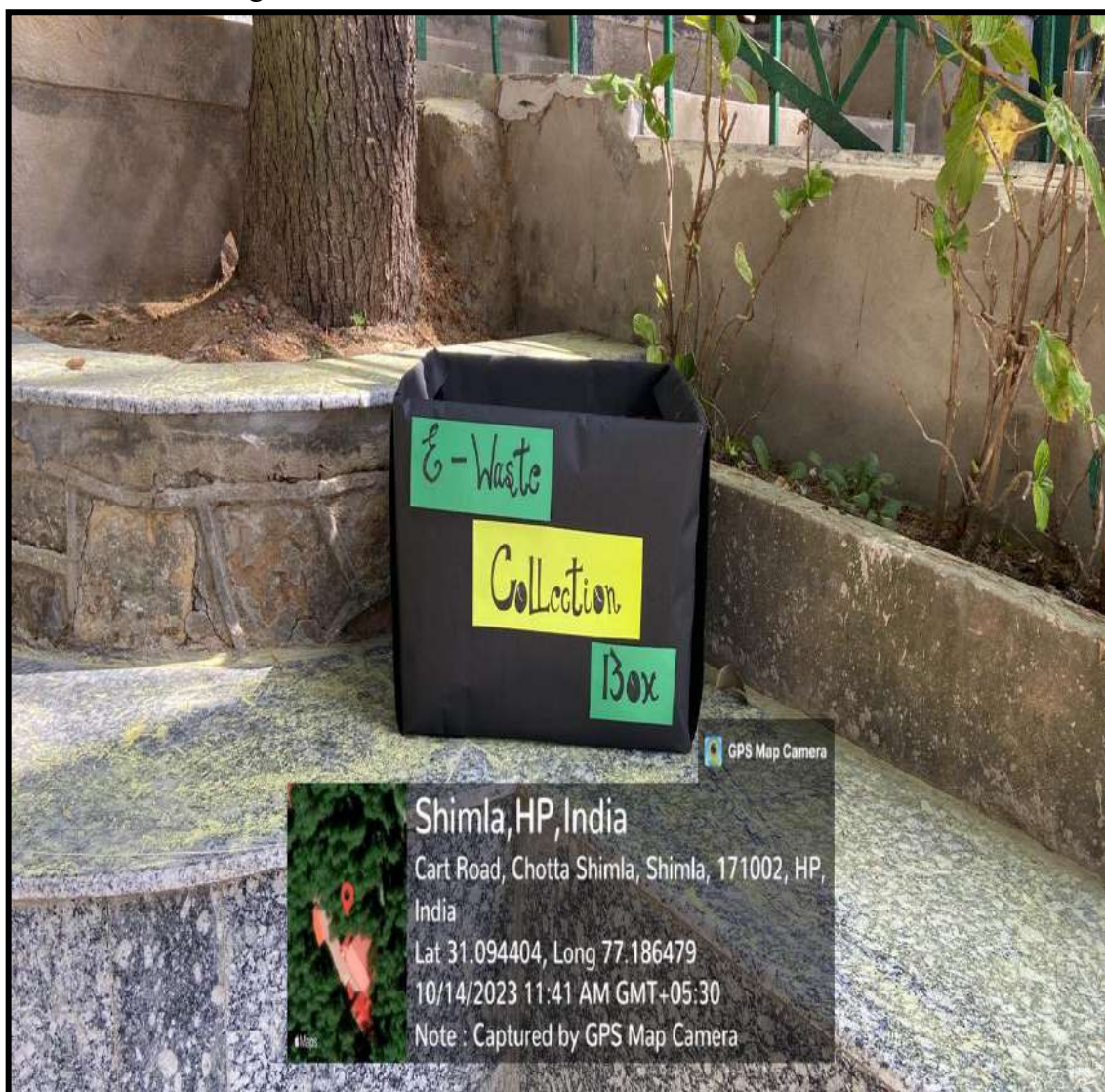


Proper Sewage System



E-WASTE MANAGEMENT

Electronic waste is a significant environmental pollutant, often discarded with regular household garbage. To address this problem, the State Pollution Control Board organized an e-waste awareness drive from October 16-21, 2023. In support, the Environment Cell of St. Bede's College, Shimla, held an E-Waste Collection Drive from October 14-18, 2023. Students deposited old electronic items—such as phones, wires, headphones, and electric kettles—into a designated cardboard box on campus. On October 18, the collected e-waste was transferred to an e-waste van in Chotta Shimla. The drive effectively raised awareness about the proper management of electronic waste among students.



E-Waste Collection Drive from 16th To 21st October, 2023



E-Waste Collection Drive from 16th To 21st October, 2023



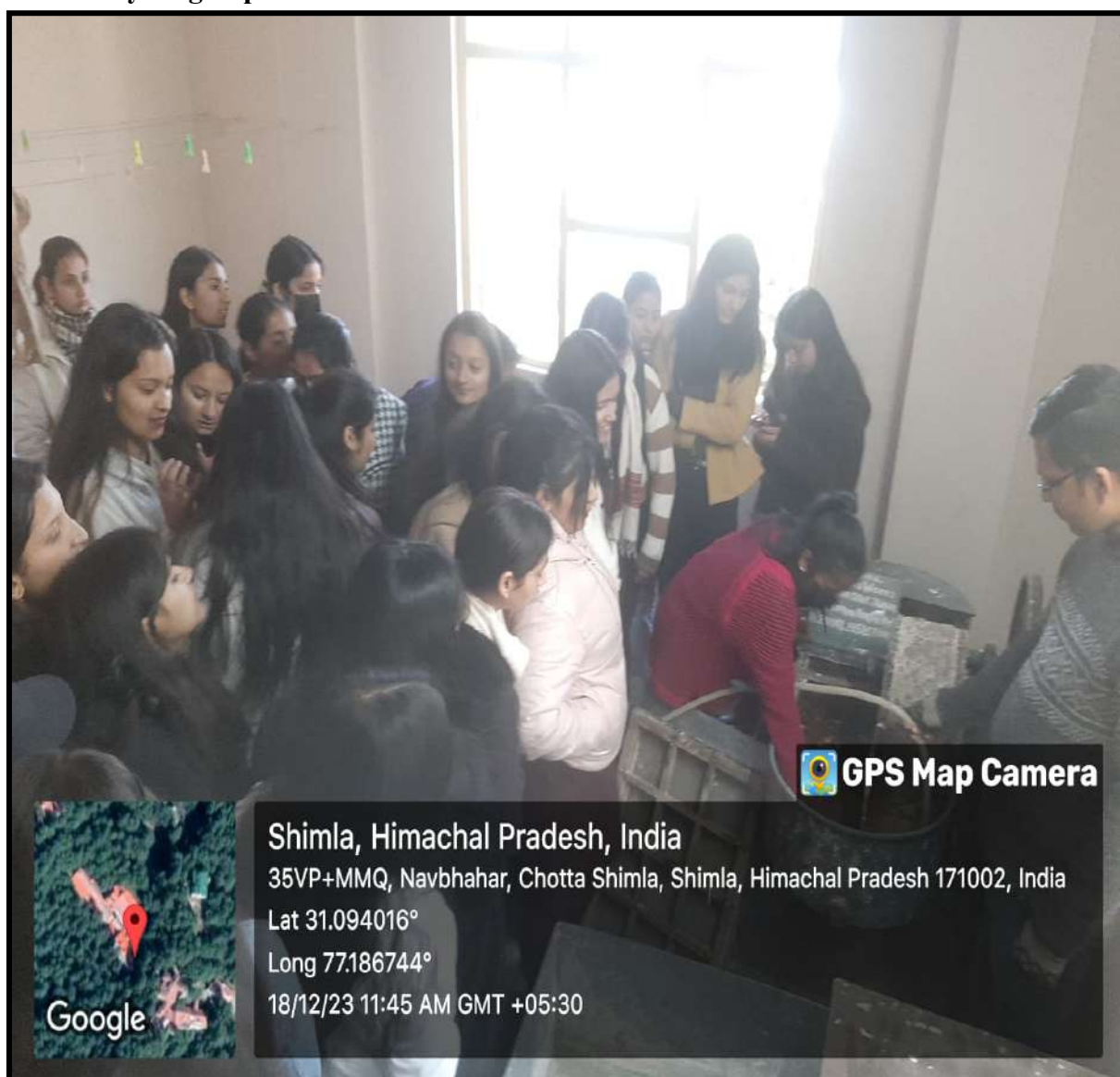
E-Waste Collected at St. Bede's College Transferred to E-Waste Van in Chotta Shimla on October 18, 2023



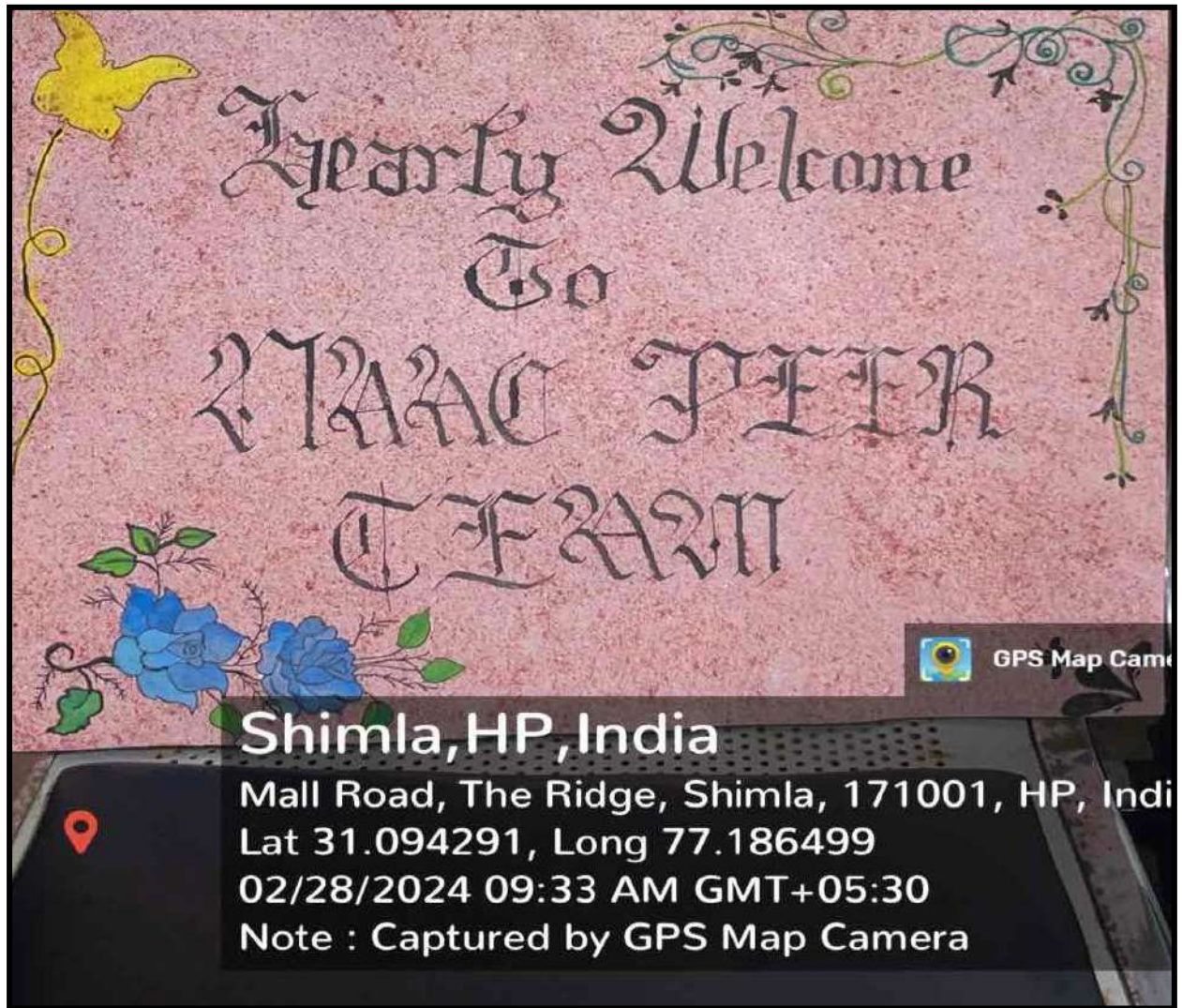
WASTE RECYCLING SYSTEM

The college, in addition to recycling paper waste, maintains a plastic-free campus by providing facilities like sanitary napkin incinerators.

- **Recycling Paper Unit**



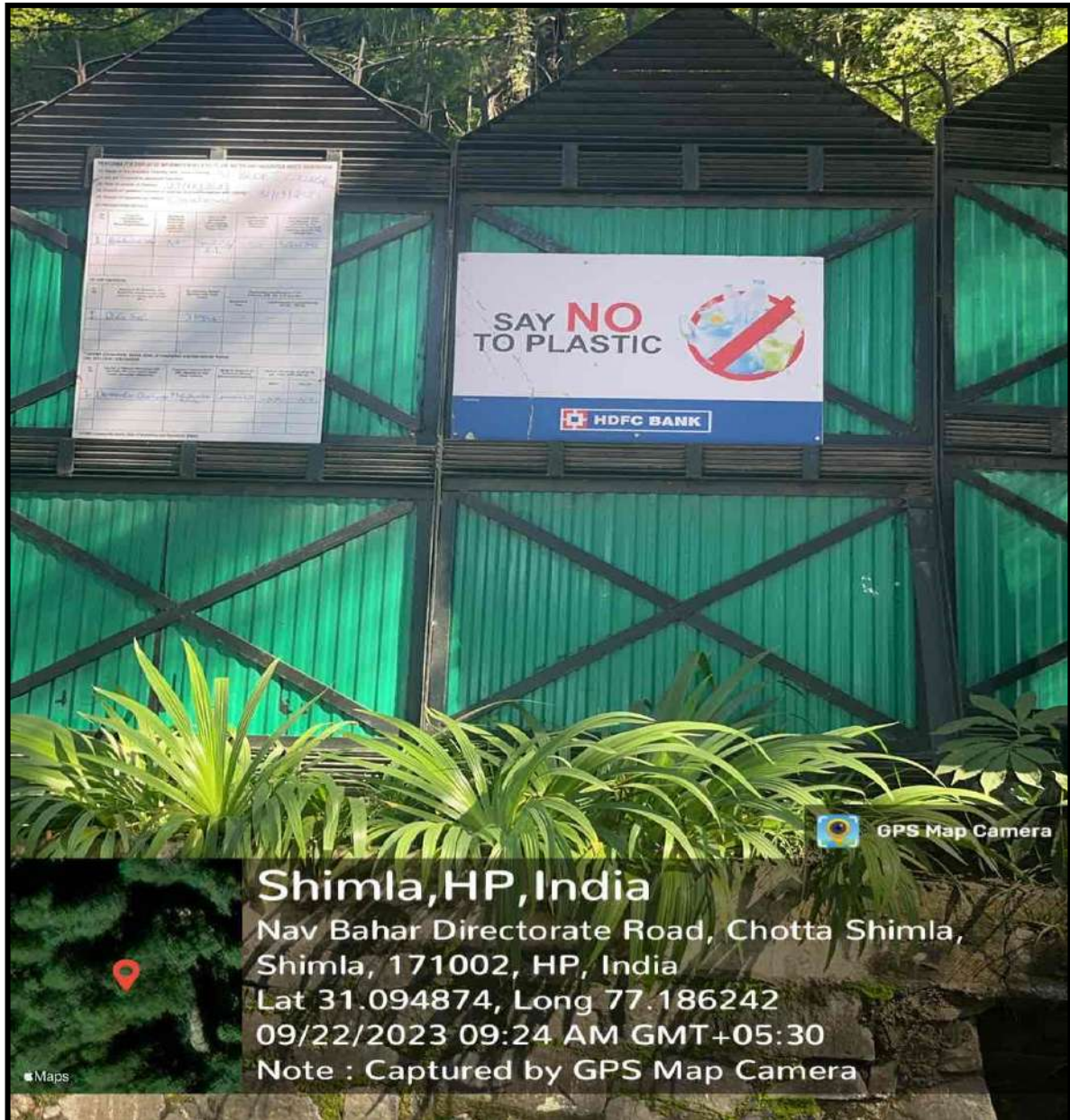
Waste Paper Recycling Unit



Recycled Paper Used for Making Invites for Various Events



- Plastic Free Campus



Plastic Free Campus



- Sanitary Napkin Incinerators



Sanitary Napkin Vending Machine and Incinerators



HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

Hazardous waste generated in the science laboratories is meticulously directed through concealed pipes for safe disposal. Biological waste from these laboratories is collected and subjected to autoclaving to ensure safe and effective treatment before disposal. Furthermore, the college campus does not produce any radioactive wastes

- Autoclaving



Disposal of Biological Waste through Autoclaving



ACTIVITIES ORGANISED

- **CLEANLINESS DRIVE**

On September 1, 2023, the NSS aimed 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. This activity improved and helped to create a clean and green environment, fostering a sense of responsibility towards cleanliness among students.



Cleanliness Drive Organised on September 1, 2023



Cleanliness Drive Organised on September 1, 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.

Under the guidance of Col. Desh Raj Gargi, Commanding Officer 7HP (I) COY NCC, Shimla, the cadets went to the forest area Khalini and cleaned the desired area, the entire forest area was cleaned by the cadets of both colleges. The primary motive for this drive was to contribute to the betterment of our community and environment by actively participating in cleaning and maintaining public areas.

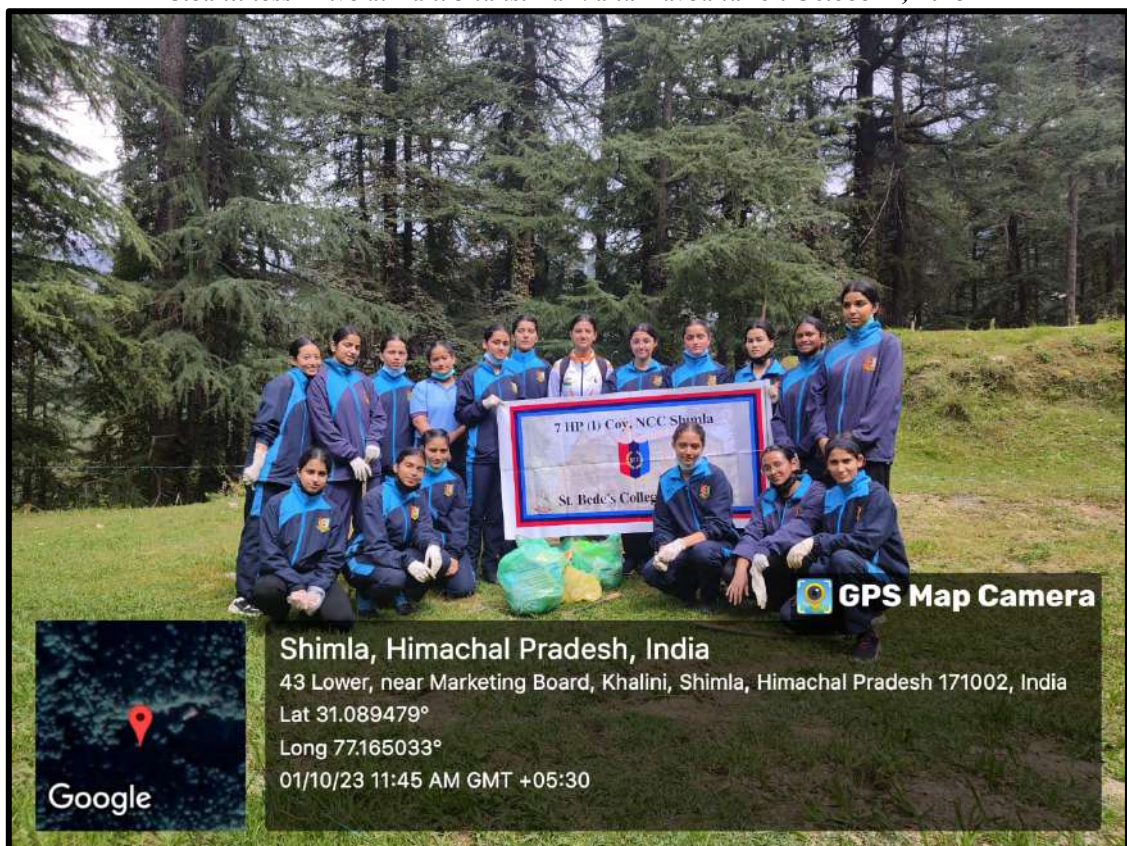
The link to the video is: <https://youtu.be/8tWlKTAz7HI?si=UZTTgCeYdGTCGR5N>



Brochure



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



Cleanliness Drive at Khalini Forest Area on October 1, 2023



- **SWACHHTA HI SEVA CAMPAIGN**

The volunteers of the NSS Unit of St. Bede's College started the "Swatchhta Hi Seva Campaign" from September 15, 2023, till October 2, 2023. The Principal of the College Sister (Prof.) Molly Abraham also administered the "Swatchhta Oath" to the volunteers and program in-charges. The primary objectives of this campaign were to promote cleanliness awareness, community participation and waste management among the masses.

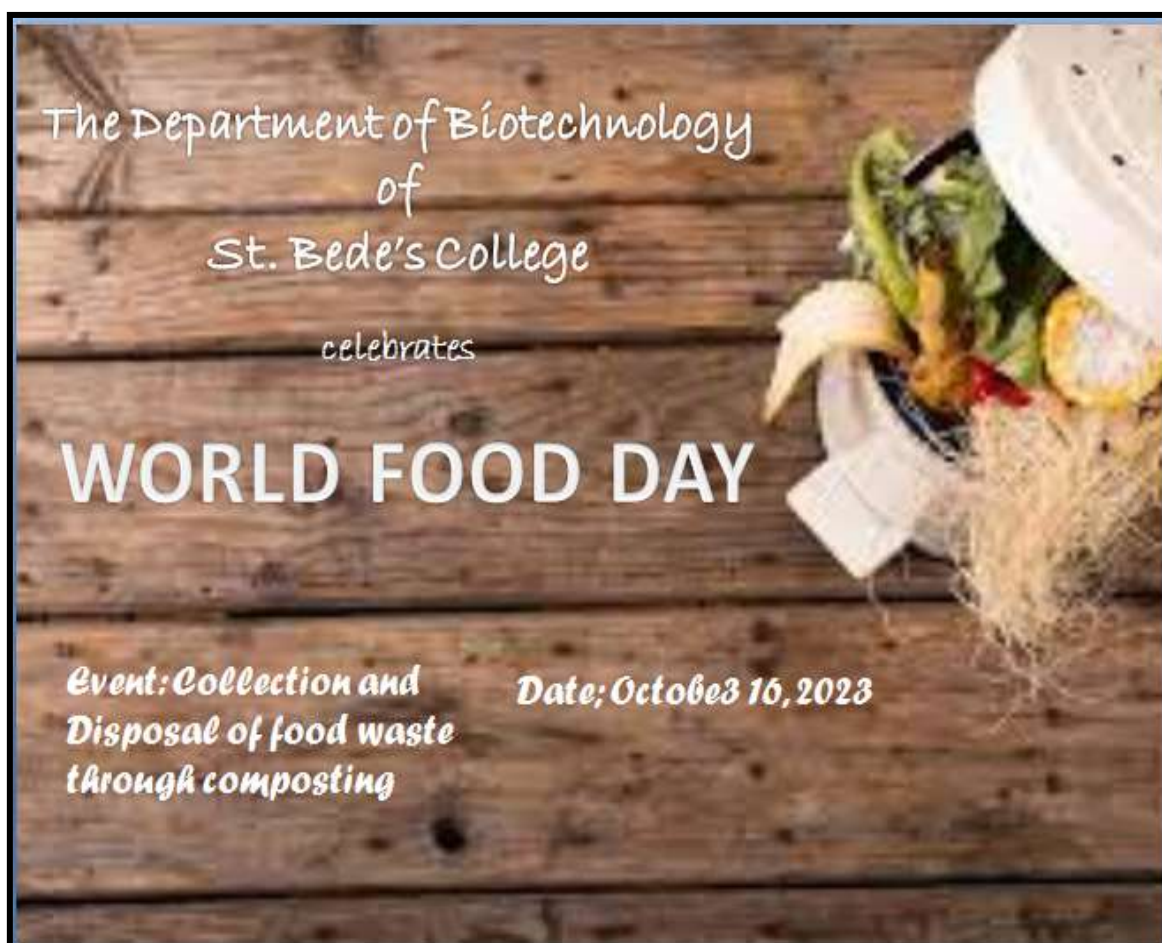


"Swatchhta Hi Seva Campaign" from September 15, 2023, till October 2, 2023



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

On October 16, 2023, to observe 'World Food Day', the students of the Department of Biotechnology, St. Bede's College collected food waste and other organic waste from the college canteen and disposed of it in the composting site of the college. Recycling food and other organic waste into compost provides a range of environmental benefits, including improving soil health, reducing greenhouse gas emissions, recycling nutrients, and mitigating the impact of droughts. The activity provided students with practical insights into the scientific principles of composting, particularly concerning biogeochemical cycles. It also served as an educational experience in eco-citizenship and sustainable development, fostering a sense of responsibility and environmental awareness. Through this activity, students learnt the safe disposal of organic waste and its positive impact on the environment.



Brochure



Collection and Disposal of Food Waste Through Composting on 'World Food Day' Organised on October 16, 2023



- E-WASTE MANAGEMENT

Electronic waste is a significant environmental pollutant, often discarded with regular household garbage. To address this, the State Pollution Control Board organized an e-waste awareness drive from October 16-21, 2023. In support, the Environment Cell of St. Bede's College, Shimla, held an E-Waste Collection Drive from October 14-18, 2023. Students deposited old electronic items—such as phones, wires, headphones, and electric kettles—into a designated cardboard box on campus. On October 18, the collected e-waste was transferred to an e-waste van in Chotta Shimla. The drive effectively raised awareness about the proper management of electronic waste among students.



Brochure

Certificate for E-waste Disposal



E-Waste Collection Drive from 16th To 21st October, 2023




E-Waste Collected at St. Bede's College Transferred to E-Waste Van in Chotta Shimla on October 18, 2023




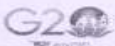
PCB-J001/5/2022-NGT SECTION-STATE POLLUTION CONTROL BOARD-Part(1)

I/258679/2023

via-email

 **HP State Pollution Control Board**
HIM Parvash Bhawan, Phase-III, New Shimla-09
Phone No. 0177-2673766, 2673020 FAX-0177-2673018

 **LIFE**
Environment

 **G20**
INDIA 2023

No. HPSPCB/E-Waste (Management) Rules, 2016/22 10/06-29

Dated 11-10-2023

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/ Ma'am,

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, 2022 on 2nd November, 2022 in supersession of the E-waste (Management) Rules, 2016.

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 this 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, Khalini, DC Office, Shimla (collection Kiosk shall be set up at DC 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	Kanlog, Khalini, Chota Shimla, Sanjauli, Dhalli, Bhattakufur
20 th Oct, 23	Panthaghati, Kasumpti, Vikasnagar, Mehli, Malyana

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

I/258679/2023

21st Oct, 23 | Pagli, Tuli Kandi, Chakker, Tulu - Tara Devi

In view of above State Board is delighted to invite you to actively participate in the E-Waste Collection Drive as per the schedule mentioned above. Further it is requested to encourage the students in studying in your school/ college to bring and deposit the E-Waste during the event. Further updates/ information of the event can be reviewed on our official website:- <https://hpspcb.nic.in/>

Looking forward for support and active participation in this important initiative of State Board.

Yours faithfully
Signed by
Anil Joshi
(Anil Joshi, IES)
Member Secretary
HPSPCB, Shimla

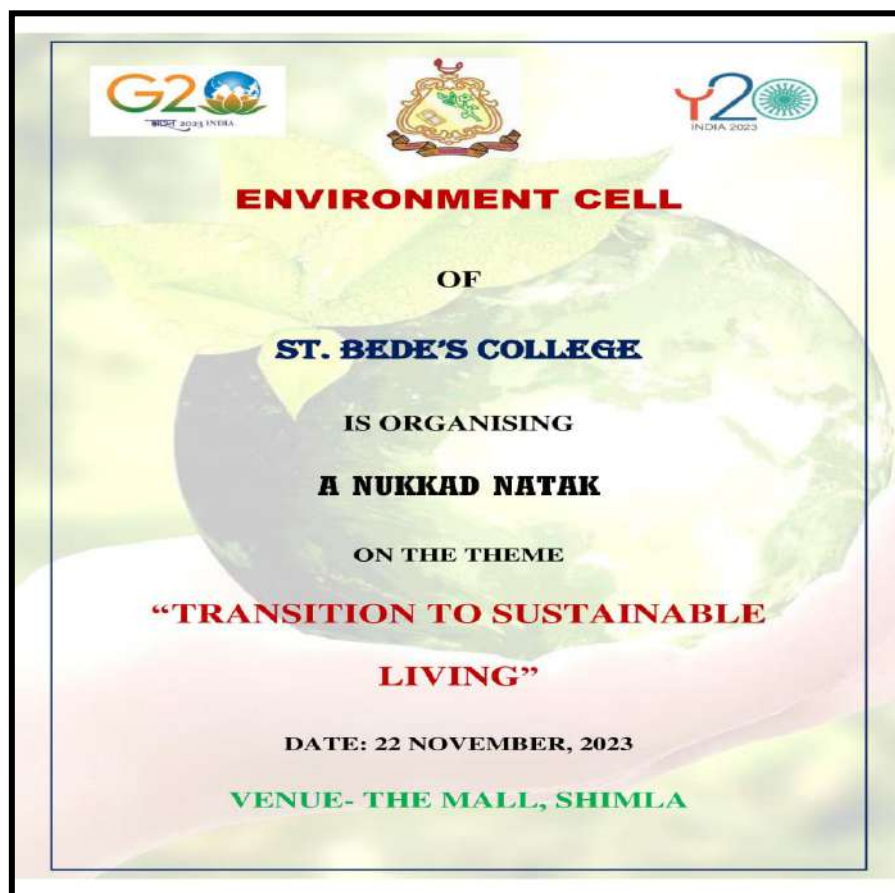
10/13/22

Letter from the Government



- **NUKKAD NATAK: TRANSITION TO SUSTAINABLE LIVING**

On November 22, 2023, St. Bede's College Environment Cell presented a Nukkad Natak titled "Transition to Sustainable Living" to promote sustainability and its benefits for future generations. The performance focused on the 3R's of Sustainable Development—Reduce, Reuse, and Recycle—and highlighted the need for eco-friendly practices, proper waste management, public transport usage, and natural resource conservation. The event emphasized on our collective responsibility to safeguard the planet for future generations.



Brochure



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

R.NO.GDS- **2422** DATED **22.11.2023**

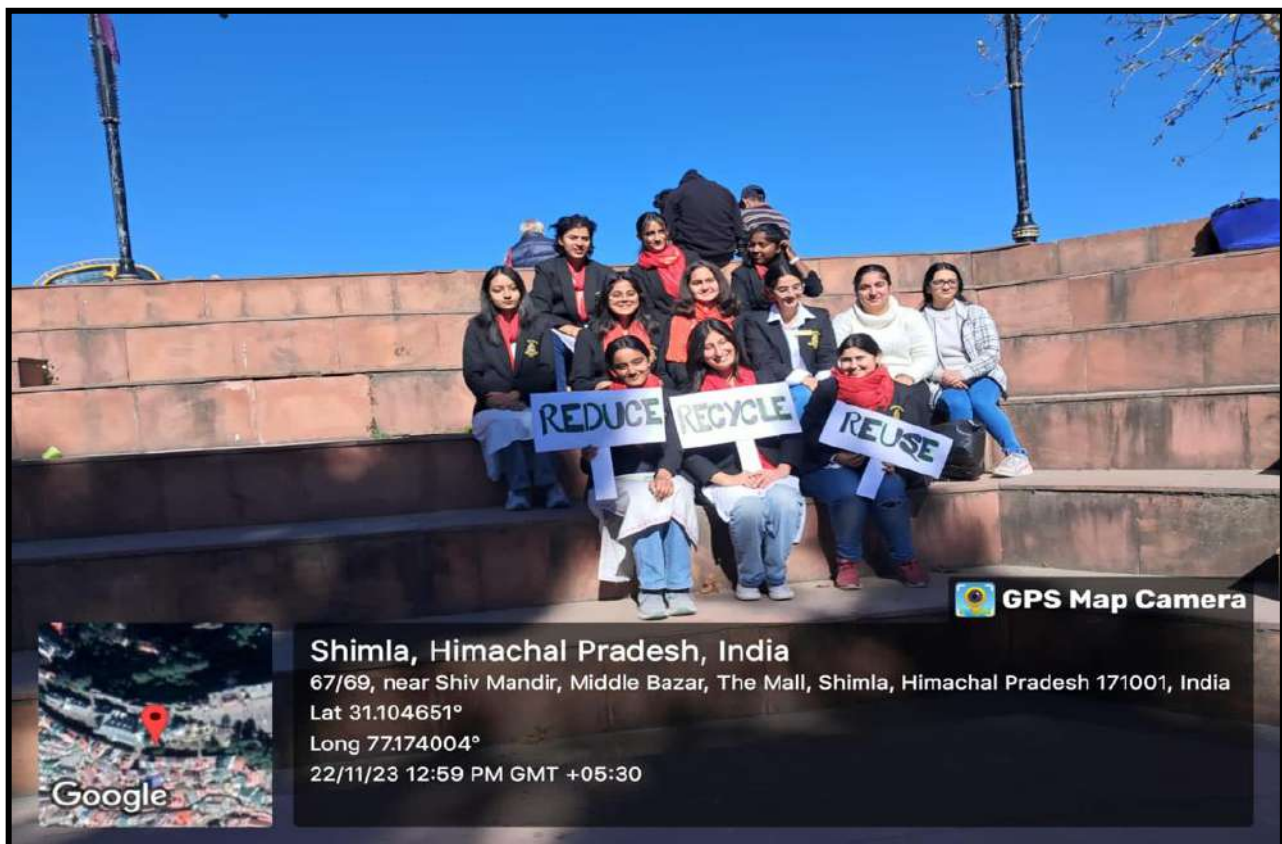
Received with Thanks Total sum of ₹ **300/-** from
 Sh. **St. Peter's College, Shimla, H.P.** on
 account of Hiring charges/Maintenance charges of Old Theatre/
 Multipurpose Hall/Seminar (Conference Hall) / Tavern Hall / Amphitheatre/
 Rehearsal Area with detail as under:-

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	

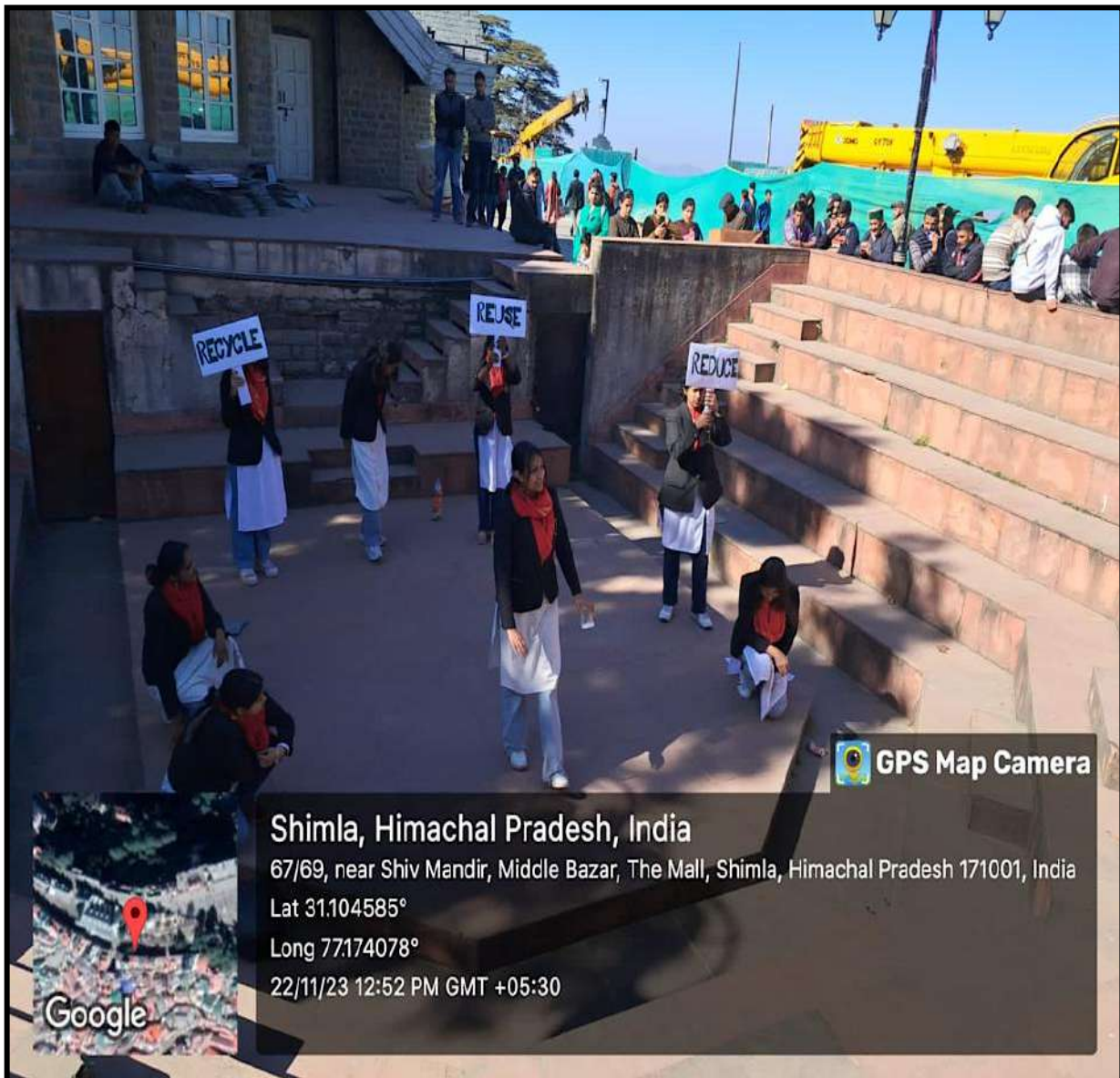
For the period Dated **22.11.2023** to Dated **22.11.2023**
 Amount ₹ **Three Hundred Rupees Only**
 VIDE CASH/CHEQUE NO **Cash**

Sh. S. S. S.
 Secretary,
 Gaiety Dramatic Society,
 Gaiety Heritage Cultural Complex,
 The Mall, Shimla-1 (H.P.)

Fee receipt from the Gaiety Theatre



Nukkad Natak: Transition to Sustainable Living Performed on November 22, 2023



Nukkad Natak: Transition to Sustainable Living Performed on November 22, 2023



- **COMPOST SALE**

The Department of Biotechnology and Microbiology of St. Bede's College, Shimla organized a sale of compost on November 3, 2023. The compost was 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 disposal. Composting recycles organic matter, such as leaves and food scraps, into a valuable fertilizer that can enrich soil and plants. The compost was sold under the brand name of Bede's Biocom. The Principal of the college, Prof. (Sr.) Molly Abraham inaugurated the sale and the faculty and students of the college bought the product. The college further plans to sell the compost to the community outside the college. Compost sales aimed in promoting organic gardening, solid waste management in homes and reducing dependence on chemical products



Brochure



Compost Sale Organised on November 3, 2023



Compost Sale Organised on November 3, 2023