



Dr. Ambedkar College Deekshabhoomi, Nagpur
Dept. of Botany
Plastic Eradication Drive-2024-2025



PLASTIC ERADICATION DRIVE:
Seven Sister Hills, Muktabai Waterfall Of Chimur
Taluka, Dist. Chandrapur (MS) India on
14/09/2024.

Massively consuming a wide range of plastic products has generated huge plastic waste. There is a need to provide awareness of their uses and routine management as a part of our lifestyle. Nowadays, plastics are increasingly being used in our daily life activities, including packaging in different food and brewing companies, cosmetics, pharmaceuticals, and other production sectors that need to pack their end products for efficient and safer product delivery to the community.

Learning and applying the knowledge to protect, restore and manage local forest ecosystems sustainably to combat desertification, and halt and reverse land degradation and stop biodiversity loss. Healthy ecosystems and the biological diversity support us as a source of food, water, medicine, shelter and other material goods.

To,

Date: 12/09/2024

The Principal,
Dr. Ambedkar College
Deekshabhoomi, Nagpur-440010.

Subject: Permission for Sem-I & Sem-III Botany Student for Botanical Excursion and Plastic Eradication Drive at Seven Sister Hills and Muktabai Waterfall near Chimur, Dist. Chandrapur on 14/09/2024.

Respected Madam,

I undersigned, Dr. Subhash R. Somkuwar Associate Professor & Head Department, Dr. Ambedkar College Deekshabhoomi, Nagpur hereby submitting the list of Botany Sem-I & III Students who are participating in the Botanical Excursion and Plastic Eradication Drive at Seven Sister Hills and Muktabai Waterfall near Chimur, Dist. Chandrapur on 14/09/2024, accompanied with staffs of Botany Department, Dr. Ambedkar College Deekshabhoomi, Nagpur.

In the context of above, I kindly request you to please grant the permission for the same.

Thanking you,

Yours Faithfully
Subhash R. Somkuwar
(Dr. S. R. Somkuwar)

Permitted
12/09/2024

List of Students who are participating the Botanical Excursion Tour to Seven Sister Hills and Muktabai Waterfall on 14/09/2024

Sr. No.	Name of the Students	Sr. No.	Name of the Students
1	ACHAL SHAHU	31	NITYA DONGRE
2	TANISHA DHURVE	32	SUWARNA SARDAR
3	PRIVANSHI KUKADKAR	33	RACHAEL PATEL
4	RUPALI MEHRAM	34	VIDYA MULMULE
5	SHIVANI BORKAR	35	NEHA GHADGHE
6	TANISHA GATE	36	AYUSH DONGRE
7	PRANALI MADAVI	37	TASHU RAMTEKE
8	ARUNA GAWADE	38	SHREYASH NITNWARE
9	ADITYA CHAKRE	39	SHARVASH MOOL
10	SAPEKSH SHYAMKUWAR	40	GRISHMA DHANVIJAY
11	SIMRAN GEDAM	41	JANVI WASNIK
12	SHRUTI KODAPE	42	SEJAL BHANGE
13	SHRUSTI KHEWALE	43	RUPAL RAUT
14	ANUSHKA GANVIR	44	DIMPAL SAHU
15	PALVI SHASTRAKAR	45	ANJALI GHORMARE
16	RUPESH CHIKRAM	46	SNEHA SOMKUWAR
17	AKHIL PANTAWANE	47	ANISH TUMRAM
18	ANUBHAV WANJARI	48	ADITYA DESHMUKH
19	RIYA DAWALE	TEACHING FACULTY	
20	AMAN SHARMA	1)	Dr. SUBHASH SOMKUWAR
21	DIKSHA SHAMBHARKAR		9527157556
22	ACHAL WASNIK	2)	LABHESH PARTETI
23	VANSH WANKAR		8087522777
24	VINEET NETKE	3)	Dr. ASHWINI ASWAR
25	ATITHI MESHRAM		8830162778
26	TANUSHKA PATIL	4)	NIKHIL CHOUDHARY
27	NISHANT SINGH		9921073350
28	RUCHIKA CHIKHALE	BUS DETAILS	
29	PRADHNYA LOKHANDE	MH 49 AT 5645	
30	ABHAY CHAVHAN	DRIVER NAME:	
		Mr. PRABHU NARAD	
		Mob.NO. 9860455531	

NOTE: Departure Timing At 7.30 AM
From: Dr. Ambedkar College Nagpur
Campus and Tentative arrival timing at
7.30PM in Dr. Ambedkar College Nagpur
Campus.



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Objectives:

1. The Drive was organized to inspire the students to provide “Shramdaan” which refers to being physically active and providing participation in various environment cleanliness activities.
2. To sensitize the people for the negative impact of the use of plastic and request them to promote a safe future by not taking the help of any plastic-made product.
3. The students should also work on first making their house plastic-free and then their society by telling the people the harmful impact of the use of plastic.
4. To provide ‘Shramdaan’ to collect all the plastic waste in one place from where it can be easily sent to be recycled.
5. To the aware student that they should avoid using plastic made water bottles and carry bags instead they should prefer alternatives.



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B.Sc. Botany Student of **Dr. Ambedkar College Deekshabhoomi, Nagpur** conducted a non-biodegradable waste cleaning activity with Plastic Eradication Drive to engaged students in payback to forest and ecosystem services at **Seven sister hills, Muktabai Waterfall of Chimur Taluka, Dist. Chandrapur (MS) India** on 13/02/2023.

Seven sister hills, Muktabai waterfall is a famous tourist spot where visitors throw **plastic-leather-glass (non-biodegradable waste)** in the forest area which is unsustainable for biodiversity and ecosystem which negatively impacts on soil health and floristic composition. Excessive use of plastic bags leads to choking of water bodies which are becoming a menace for everyone.

Plastic pollution is ubiquitous in terrestrial and aquatic ecosystems. Plastic waste exposed to the environment creates problems and is of significant concern for all life forms. Plastic production and accumulation in the natural environment are occurring at an unprecedented rate due to indiscriminate use, inadequate recycling, and deposits in landfills. Plastic pollution has become inevitable for human civilization in the Anthropocene era. Plastics production is increasing dramatically, and the negative impacts on our ecosystem are also increasing mainly via **micro- and nano-sized plastics**. Both types of plastics are having significant negative impacts on the ecological functions of natural habitats. Plastic pollution is interlinked with the SDGs and climate change. Despite the existing knowledge about the impacts of plastic pollution, plastic waste management is at a dismal level, especially in developing countries. For example, open burning, unscientific landfilling, and disposal in the natural environment, including incineration, are largely prevalent, which is a health hazard to several lifeforms. Our review provides a comprehensive overview of the ecological, environmental, socio-economic costs, including linkages to climate change and SDGs, in the context of plastic pollution and plastic waste management.



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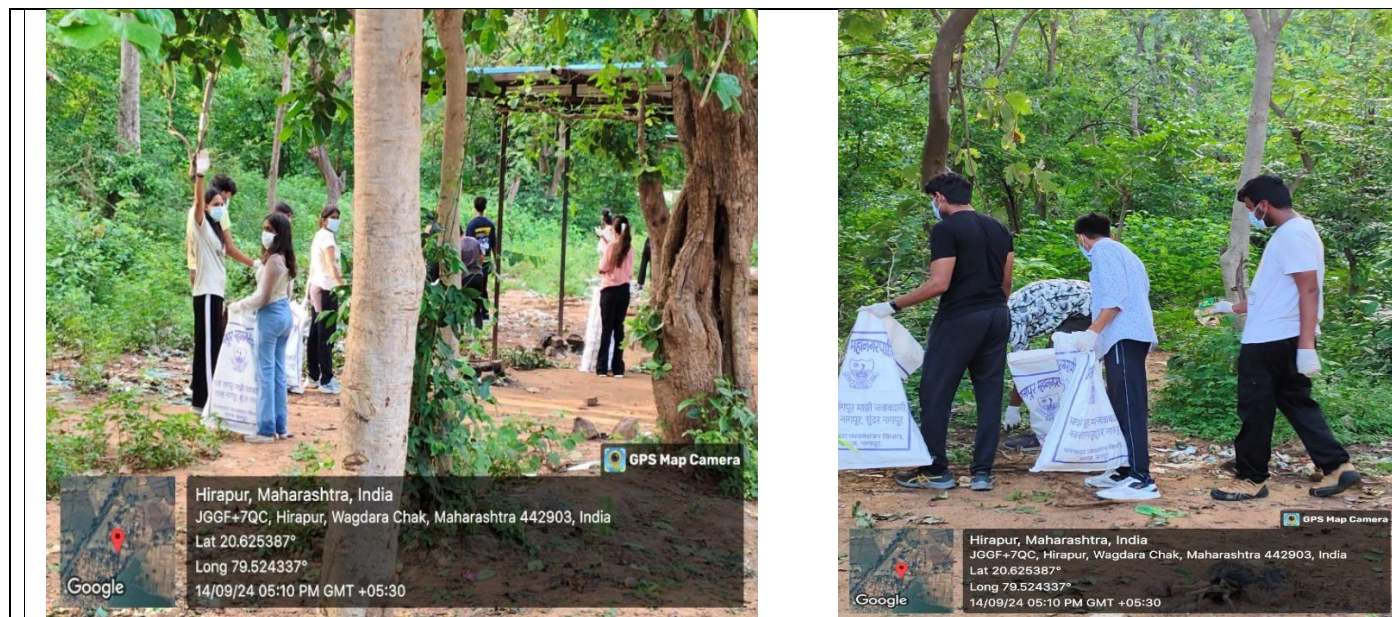
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Since plastic pollution is ubiquitous, it needs to be treated as a global threat similar to climate change and pandemics. Research and innovation should be encouraged to reduce, reuse, recycle, and recover plastics and find eco-friendly replacements for plastics, and alternative solutions must be emphasized. In addition, empowering and educating communities and citizens to act collectively to minimize plastic pollution and use alternatives options for plastics must be proactively promoted and enforced.

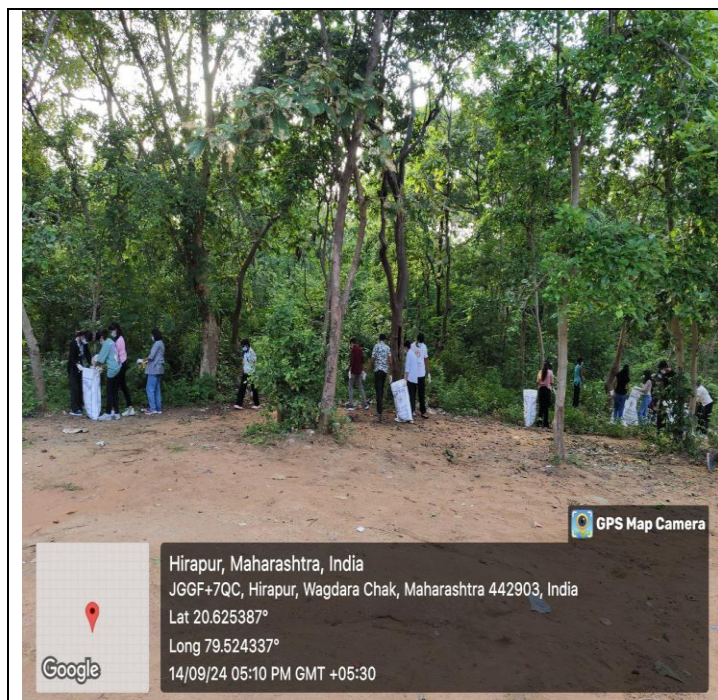
Plastic pollution is a global concern that must be addressed collectively with the utmost priority. We have collected **22 bags of plastic-leather-glass** (non-biodegradable waste) and disposed of it at a **Solid Waste Management, Centre of Chimur Nagar Panchayat** Dist. Chandrapur. This activity inspired students to safeguard natural resources and adopt sustainable practices for a sustainable future.

The visit was organized under the supervision of **Dr. Subhash. R. Somkuwar**, Associate Professor & Head Dept. of Botany DACN, **Dr. Ashwini Aswar**, and **Mr. Labhesh Parteti** Faculty of Botany Dept. DACN.





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**Plastic Eradication Drive at Seven Sister Hills, Muktai Waterfall Of
Chimur Taluka Dist. Chandrapur (MS) India on 14/09/2024.**

OUTCOMES:

1. This drive will create awareness among the people about the harmful effects of the single use plastic as a result they will be motivated towards the use of paper or fabric (Cotton or Jute) bags.
2. This Drive will result in seizing the plastic pollution from Seven sister hills, Muktabai Waterfall, and adjoining areas.
3. Awareness generation and behavioral change in students and people to adopt eco-friendly alternatives to plastic.