

PLASTIC ERADICATION DRIVE: Kuwara Bhivsen, Bhivagad of Parshivani Taluka, Dist. Nagpur (MS) India on 13/02/2023.

The massive consumption of wide range plastic products has generated a huge amount of 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 the packaging in different food and brewing companies, cosmetics, pharmaceutical, and other production sectors need to pack their end products for efficient and safer product's 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.

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	Subject: Permission for Sem-IV EVS Student visit under Lab to Land and Land to Society activity on 13/02/2023 at Parshivani Taluka				ou		
	Respected Madam.						
	1 Dr. Subhash R. Somkuwar EVS Coordinator, Dr. Ambedkar College Deekshabhoomi, Nagpur						
	hereby submitting the list of Sem-IV EVS Student who are participating in Lab to Land and				To,		
		Land to Society Visit on 13/02/2023 at Parshivani Taluka Villages including Plastic Eradication			The Police Inspector	The Police Inspector.	
	Drive at Kuwara Bhivsen Fo						
	I Request you to please gran	t the par	mission for the same			Bajajnagar Police Station, Maharashtra is 440020	
	I Request you to please grant the permission for the same.				No. 76, RPTS Rd, Vasant Nagar, Nagpur, Maharashtra 440015, India		
		Sr.No.	NAME				
	2 AA 3 AA 4 AA 5 BB 6 DD 7 GG 8 Fyp 9 Ka 10 Ka 11 Kc 12 NK 13 O 14 Pa 15 Pa 16 Pr 17 Ra 18 Rit 19 Pc 20 Su 21 Ta 22 Sh 23 Kr 24 OD 25 AA 26 So 27 Sh 28 Ga	1	Aditi Nandeshwar	-		Subject Information of EVS Sem-IV student visit under Lab to Land and Land to Society	
		2	Aditi Somkuwar				
			Anushka Karemore				
		4	Arihant Ramteke		activity on 13/02/2023 at Pa	rshivani Taluka.	
		5	Basuri Bhute				
		6	Dhanashree Gajbhiye		Dear Sir.		
			Garima Swamnani			the second	
			Jyoshna Kurvanshi			I Dr. Subhash R. Somkuwar EVS Coordinator, Dr. Ambedkar College Deekshabhoomi, Nagpur	
			Kalash Dhoke		hereby submitting the list of Sem-I	V EVS Student who are participating in Lab to Land and	
			Kashish Mankar		Land to Society Visit on 13/02/2023 at Parshivani Taluka Villages including Plastic Eradication		
			Komal Tembhare				
			Neha Kawale		Drive at Kuwara Bhivsen Forest Are	a and Ghogra Mahadeo, Parshivani.	
			Ojas Ambagade				
			Payal Patole				
			Pooja Tokas		In view of above I request you to kindly note the same.		
			Pratiksha Masulkar	_	This is for your kind information and record.		
			Raj Thombare Ritik Bopche	_			
			Pradeep Inwate	-			
			Sushil Bhagat	-			
			Tanushree Lanjewar		Thank you.	Yours faithfully	
			Shivani Tekade	-			
			Krutika Barsagade	-			
			Dhanashree Khaire				
		25	Anjali Chavhan			Co-ordinator	
		26	Soumya Bisen			Environmental Science, Dr. Ambedkar College,	
		27	Sanket Waghamare			Deelichabhoomi, Nagpur,	
		28	Garima Wasnik				
		Gaurav Gandhare	-				
		30 Rohak Jiwane	1 wh				
	32 Ruch	Ishika Chaure	Alerean 100.				
			Ruchi Rathod	Post and aller			
		33 Aayush Dahiwale	1 regio	0-1			
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		35	Vaishnavi Khandate	PRINCIPAL	123		
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Dr. Ambedkar College Deekshabhoomi, Nag <u>Dept. of Botany</u> Plastic Eradication Drive-2022-2023

Objectives:

1. The Drive was organized to inspire the students for providing "Shramdaan" which refers to being physically active and providing the 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.

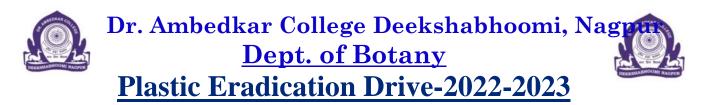
4. To provide 'Shramdaan' to collect all the plastic wastes in one place from where it can be easily sent to be recycled.

5. To aware student that they should avoid using plastic made water bottles and carry bags instead they should prefer alternatives.

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 pay back to forest and ecosystem services at **Kuwara Bhivsen, Bhivagad of Parshivani Taluka, Dist. Nagpur** (MS) India on 13/02/2023.

Kuwara Bhivsen, Bhivagad is a famous tourist spot where visitors throw **plastic-leatherglass** (**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.

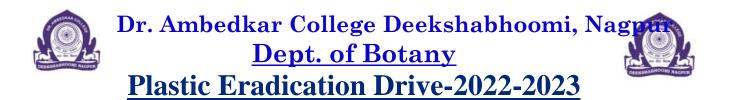
Since plastic pollution is ubiquitous, it needs to be treated as a global threat similar to climate change and pandemics. Research and innovation should be encouraged to reduce, reuse, recycle, and recover plastics and find eco-friendly replacements for plastics, and alternative solutions must be emphasized. 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 **14 bags of plastic-leather-glass** (non-biodegradable waste) and disposed of it to a **Solid Waste Management, Centre of Parseoni Nagar Panchayat** Dist. Nagpur. This activity inspired students to safeguard natural resources and adopt sustainable practices for sustainable future.

The visit was organized under the supervision of **Dr. Subhash. R. Somkuwar**, Associate Professor & Head Dept. of Botany DACN, and **Dr. Rahul Kamble**, Faculty of Botany Dept. DACN.



Bhivagad, Maharashtra, India Unnamed Road, Kunwara bhimsen, Bhivagad,





GPS Map Camera Bhivagad, Maharashtra, India Pench Dam and Reservoir, F5PC+R4R, Kunwara



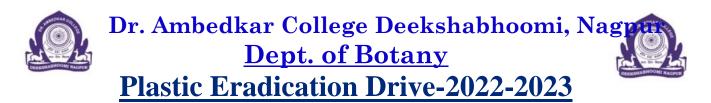
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<u>Plastic Eradication Drive at Kuwara Bhimsen, Bhivagad of Parshivani</u> <u>Taluka, Dist. Nagpur (MS) India on 13/02/2023.</u>



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 seize the plastic pollution from the Kuwara Bhivsen, Bhivagad and adjoining areas.

3. Awareness generation and behavioral change in students and people to adopt eco-friendly alternatives to plastic.