



**Dr. Ambedkar College Deekshabhoomi, Nagpur**  
**Dept. of Botany & Environment Cell**  
**Plastic Eradication Drive-2022**



# PLASTIC ERADICATION DRIVE

**“Learning and applying the knowledge for the welfare of society is a crucial aspect of environment education”.**



**Dr. Ambedkar College, Deekshabhoomi,**  
**Nagpur**

To,

**M. A. ABID RUHI,**  
SR. AIRPORT DIRECTOR & COO MIHAN INDIA LTD.,  
DABI AIRPORT, NAGPUR-05  
D B A T

**Subject : PERMISSION FOR IDENTIFYING THE FLORA AND PLASTIC ERADICATION DRIVE IN  
THE AIRPORT FOREST AREA (BELOW TO SONEGAON LAKE).**


Dear Sir,

We, Dept. of Botany of *Dr. Ambedkar College, Deekshabhoomi, Nagpur* and *Santaji Mahavidyalaya, Wardha road, Nagpur* would like to conduct the **plastic eradication drive** and **floristic survey** jointly with our B.Sc. students.

In the view of above environmental and social service motto we would like to request you to please grant the permission to do the proposed activities.

Thanking you.



  
(Dr. Mrs. B. A. Mehere)  
Officiating Principal  
Dr. Ambedkar College,  
Deekshabhoomi,  
Nagpur.

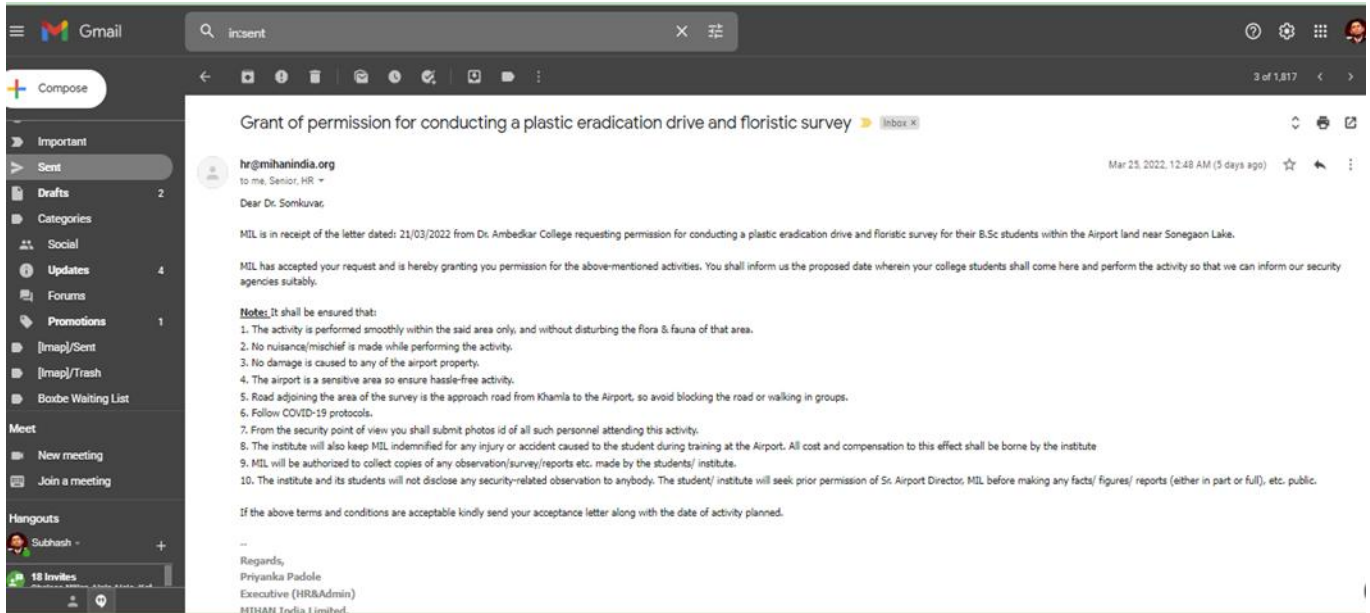
**Note:** For further communication or details please email on [ssomkuvar@gmail.com](mailto:ssomkuvar@gmail.com)



# Dr. Ambedkar College Deekshabhoomi, Nagpur

## Dept. of Botany & Environment Cell

### Plastic Eradication Drive-2022



B.Sc. Botany Student of **Dr. Ambedkar College Deekshabhoomi, Nagpur** and **Santaji Mahavidyalaya Nagpur** jointly conducted a non-biodegradable waste cleaning activity with Plastic Eradication Drive to engaged students in pay back to nature at Airport mini forest area from Khamla Bhajipatti Sq. gate below to Sonegaon Lake on 29/03/2022.

Visitors throw **plastic-leather-glass (non-biodegradable waste)** at Airport mini 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**.



**Dr. Ambedkar College Deekshabhoomi, Nagpur**  
**Dept. of Botany & Environment Cell**  
**Plastic Eradication Drive-2022**



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, COVID-19, and other 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 **27 bags of plastic-leather-glass** (non-biodegradable waste) and disposed of it to a **scrap vendor** near the Khamla Sq. 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, **Dr. Rahul Kamble**, Faculty of Botany Dept. DACN, accompanied by **Dr. Rajita Lonare** and **Dr. Archana Sathe** Faculty of Botany Dept. of Santaji Mahavidyalaya Nagpur.



# Dr. Ambedkar College Deekshabhoomi, Nagpur

## Dept. of Botany & Environment Cell

### Plastic Eradication Drive-2022





**Dr. Ambedkar College Deekshabhoomi, Nagpur**  
**Dept. of Botany & Environment Cell**  
**Plastic Eradication Drive-2022**



**Plastic Eradication Drive at Airport Mini Forest Area below  
to Sonegaon Lake on 29/03/2022**