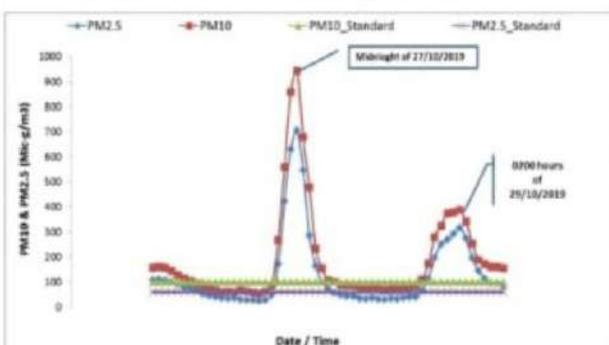


# Say no to firecracker

**Firecrackers are commonly used during festivals and celebrations to express joy and excitement. However, their use has several harmful effects on the environment and living beings. The bursting of firecrackers releases toxic gases, smoke, and loud noise, which cause air and noise pollution. These effects not only harm human health but also disturb animals, birds, and the natural balance of the environment.**

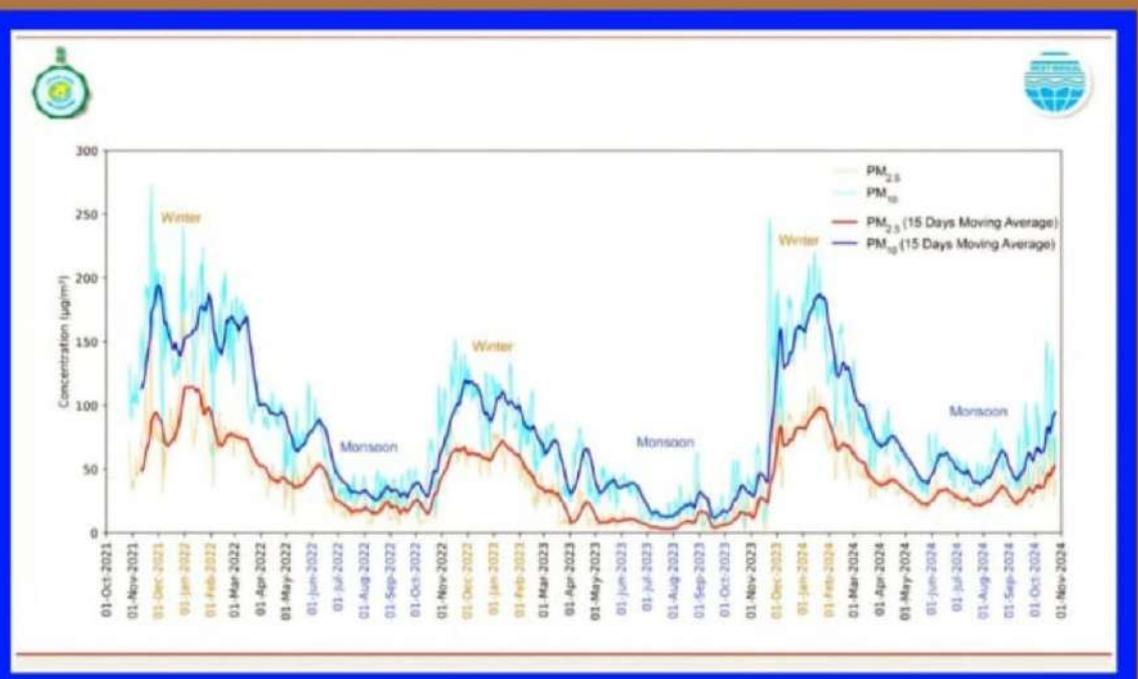
Air Pollution in Kolkata during Diwali 2021



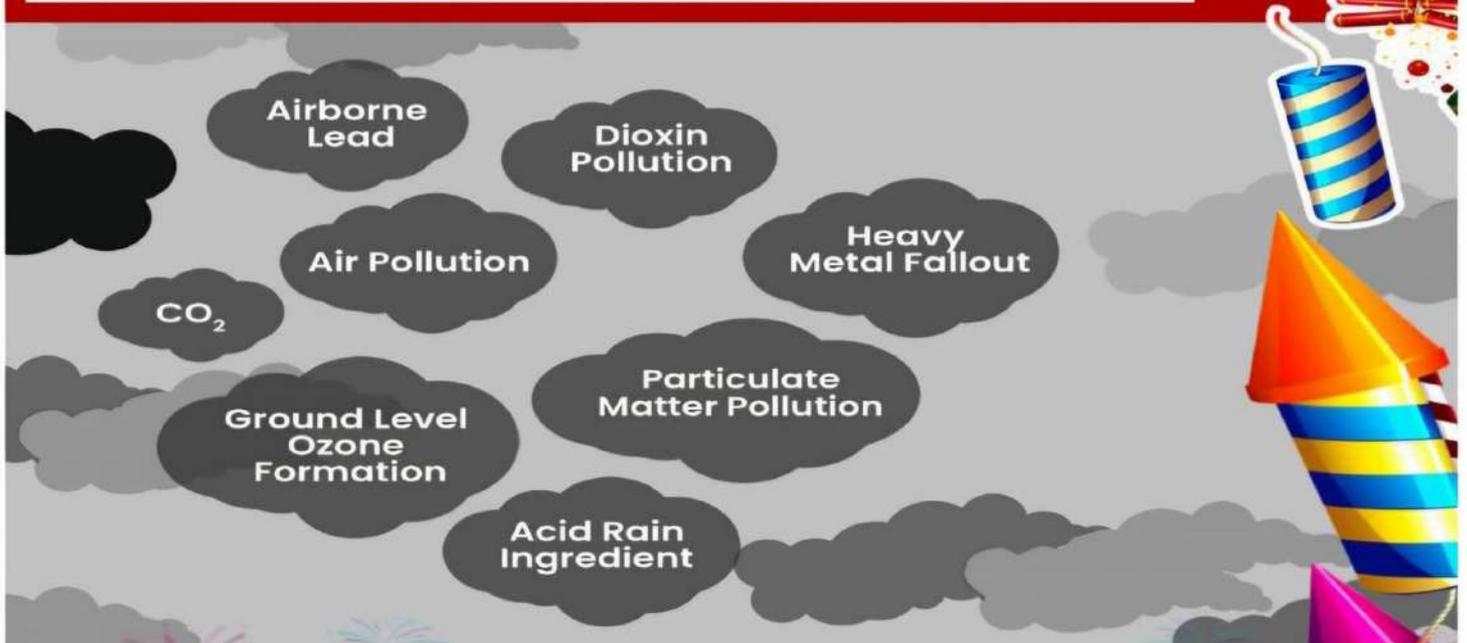
PM10 and PM2.5 variation in Kolkata during Kalipuja. Standards are 100 and 60 microgram/cubic meter for PM10 and PM2.5 respectively.

1. Air pollution: Firecrackers release harmful gases like sulfur dioxide, carbon monoxide, and nitrogen oxides.
2. Particulate matter: Tiny dust and metal particles (like lead, copper, and aluminum) pollute the air and cause breathing issues.
3. Smog formation: The mixture of smoke and fog creates dense smog, reducing visibility.
4. Greenhouse gases: Firecrackers contribute to climate change by releasing carbon dioxide and other greenhouse gases.

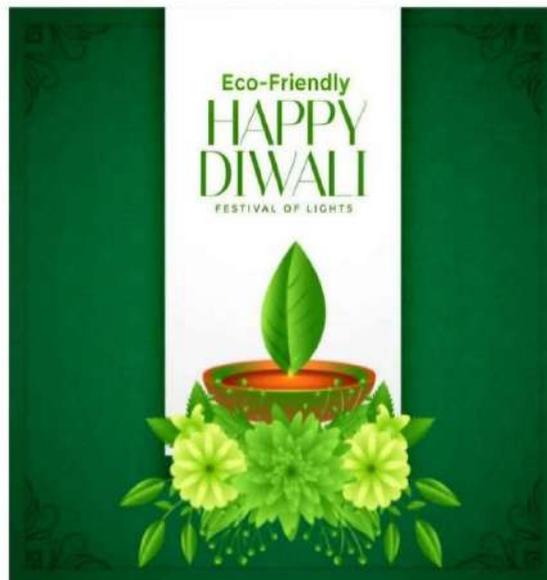
Stop  
sound  
pollution



# FIRE CRACKERS : A TOXIC COCKTAIL OF POLLUTION



This Diwali, let us  
promise not to  
pollute the air by  
bursting  
firecrackers ....



... let us celebrate  
a Green Diwali

Prepared By



**WEST BENGAL**  
**POLLUTION CONTROL BOARD**  
Department of Environment  
Government of West Bengal  
[www.reallygreatsite.com](http://www.reallygreatsite.com)

Objective Spread By



**SARSUNA COLLEGE**

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SARSUNA COLLEGE



SAY NO TO CRACKERS  
LET'S CELEBRATE THIS DIWALI BY  
*planting a tree*



*Firecrackers produce loud sounds often exceeding 120 decibels, which cause noise pollution and can lead to hearing loss, stress, and sleep disturbances in humans and animals.*

*Celebrating a Green Diwali means avoiding firecrackers and choosing eco-friendly ways like lighting diyas, using natural decorations, and planting trees to keep the air clean and the environment safe.*

*Firecrackers release harmful gases and fine particles like sulfur dioxide, carbon monoxide, and dust, which cause air pollution and lead to breathing problems and poor air quality.*



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*Green Diwali is an eco-friendly way of celebrating Diwali that focuses on reducing pollution and protecting the environment by avoiding harmful firecrackers and promoting the use of natural, reusable, and sustainable materials for decorations and celebrations.*

*Green Diwali reduces air and noise pollution*



**CHOOSE RIGHT**

*Celebrate Ecofriendly Diwali*

*Saves energy and natural resources.*



*Green Diwali promotes health and environmental safety.*



# Green Diwali