



# **PCTE Group of Institutes, Ludhiana**

## **B.Tech CSE 4th Semester ENVIRONMENTAL STUDIES - EVS 101-18**

### **PRESENTATION SYNOPSIS**

TOPIC: Air pollution in Delhi

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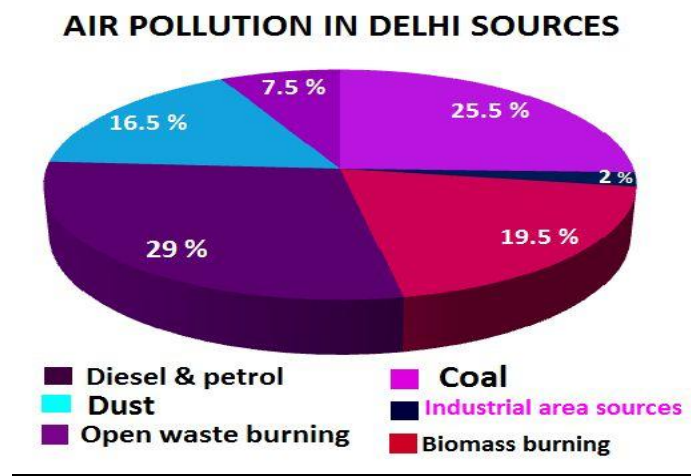
BRIEF INTRODUCTION OF TOPIC:-

Delhi, India's capital, grapples with severe air pollution, ranking consistently among the most polluted cities globally. Vehicular emissions, industrial activities, construction dust, and crop burning in neighboring states contribute to the city's hazardous air quality. The pollution poses grave health risks, particularly respiratory and cardiovascular ailments, impacting vulnerable populations. Despite government initiatives like stricter emission norms and odd-even schemes, challenges persist in enforcement and coordination among agencies. Addressing Delhi's air pollution demands urgent and concerted efforts in regulation, technological innovation, and public awareness to safeguard public health and the environment.

## KEY APPLICATION AREAS OF TOPIC IN REAL LIFE:

Air pollution in Delhi poses a significant health and environmental challenge due to vehicular emissions, industrial activities, construction dust, and crop burning. The city consistently ranks among the most polluted globally, leading to respiratory and cardiovascular ailments, especially among vulnerable populations. Efforts to combat air pollution include policy interventions, promoting public transportation, integrating pollution control measures in urban planning, investing in technology, raising public awareness, and fostering international collaboration.

## CONTENT ANALYSIS (PREFERABLY DISPLAY PIE-CHART OR GRAPHS AND TABULAR REPRESENTATION OF AUTHENTIC DATA):-



## CONCLUSION:

In conclusion, the air pollution crisis in Delhi is a complex and urgent issue that requires immediate attention and concerted efforts from various stakeholders. The city's air quality is consistently among the worst globally, primarily due to vehicular emissions, industrial activities, construction dust, and crop burning. This pollution not only poses severe health risks to the population, particularly vulnerable groups, but also leads to environmental degradation and economic losses. Despite government initiatives and policies, challenges such as enforcement and coordination persist.

## FUTURE SCOPE:

- **Technological Innovations:** Continued advancements in pollution control technologies can offer more efficient and effective solutions for reducing emissions from vehicles, industries, and other pollution sources.
- **Renewable Energy Adoption:** Greater emphasis on renewable energy sources such as solar and wind power can help reduce reliance on fossil fuels, thereby decreasing air pollution associated with energy production.

- Electric Vehicles (EVs): Increased adoption of electric vehicles can significantly reduce vehicular emissions, leading to improved air quality in Delhi.

FULL URL OF RESOURCES/AUTHENTIC REFERENCES USED FOR RESEARCH:

<https://www.theguardian.com/world/2023/nov/03/delhi-india-air-quality-pollution-spike-world-health-organization-limit>

<https://www.bbc.com/news/world-asia-india-59808770>

<https://timesofindia.indiatimes.com/topic/delhi-air-pollution>