

A SOCIO LEGAL STUDY ON PUBLIC AWARENESS REGARDING VEHICLE POLLUTION IN AHMEDABAD CITY

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ABSTRACT:

This research paper cover **main research problem** is In order to curb air pollution in the city limits, the state government has submitted its action plan before Gujarat high court (HC) and said that it would not allow re-registration of diesel vehicles that are more than 20 years old. It has also decided to ban diesel run auto rickshaws in municipal areas. The present study was undertaken to investigate Regarding Vehicle Pollution In Ahmedabad City. This research is need for understand need of air pollution via vehicles. This research is useful to understand vehicle Pollution in Ahmedabad City.

KEYWORDS: Air Pollution, Vehicle Pollution,

INTRODUCTION:

Vehicle Pollution In Ahmedabad is biggest problem and for that reason the transport department has made it clear that though it mulls clear that though it mulls to prohibit two-decade old diesel vehicles in Ahmedabad, the power ultimately lies with the Centre with the Centre as per the Motor Vehicle Act.¹

The situation will become more desperate in the coming time. Despite warnings from various international organizations regarding pollution, the pace of improvement in this sector is very slow. Now an international organization called Greenpeace has reported that seven of the ten most polluted cities in the world are in India. Five of these are around the country's capital, Delhi. During the year 2018, Gurugram tops the world in terms of pollution level. If we consider the 20 most polluted cities out of ten, 16 of them are from India. Similarly, among the 30 most polluted cities in the world, twenty-two cities are in India.

These pollution figures are based on PM 2.5 particles. Toxic particles of this size settle in the human respiratory system and cause many diseases. There are many criteria for measuring air quality, but the most common are the amount of PM 2.5 and PM 10 in the air. PM stands for Particulate Matter i.e. fine particles in the air. PM 2.5 and PM 10 indicate the size of these particles. Generally, the size of hair on our body is about PM 50. From that it can be estimated that PM 2.5 and PM 10 will be fine particles. Under normal circumstances, the amount of PM 2.5 in the air in 24 hours should be 60 micrograms per cubic meter and the amount of PM 10 should be 100 micrograms per cubic meter. If the amount of these particles is more than this, then the situation is considered dangerous.

OBJECTIVES:

1. To study legal provisions regarding controlling air pollution via vehicles
2. To study position of Air pollution .
3. To study reason behind vehicle pollution

RESEARCH QUESTION:

- Total respondent 30

¹ Read more at:

http://timesofindia.indiatimes.com/articleshow/51466190.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

- All respondent are vehicle user

1. Do you Feel air pollution is big problem in traffic in Ahmedabad city ?	Yes (21)	No (9)
2. Do you Feel bridge construction help for reducing Traffic ?	Yes (25)	No (5)
3. Do you Feel only traffic is problem behind vehicle pollution?	Yes (21)	No (9)
4. Do you feel we need more strict provisions for control air pollution?	Yes (27)	No (3)
5. Do you feel public vehicle help control air pollution?	Yes (21)	No (9)

AIR POLLUTION:

In simple words, the air we breathe today has become poison due to pollution. The number of patients with respiratory diseases is increasing drastically in hospitals across the country. It has become imperative to take effective measures against increasing pollution. There is danger to life when the atmosphere contains very heavy amounts of toxic particles. The risk is especially high for children, pregnant women and the elderly. When the fine particles in smog are breathed into the body, the chances of serious diseases such as bronchitis, lung cancer and heart disease increase. Asthma patients have an increased frequency of attacks. Patients with high blood pressure are more likely to have a brain stroke. Along with this, problems like cough, cold, chest pain, skin diseases, hair fall also occur. Today many children of the country are suffering from some lung disease. Asthma has increased in children above two years of age. Bronchitis problem has increased in children under 13 years of age.

The report said that industries, homes, cars and trucks emit complex mixtures of air pollution that are dangerous to health. Among them, fine particles cause the greatest damage to human health. More than one factor is contributing to the pollution in the country. It is a well-known fact that where there is more industrial activity, there is more pollution. Today, apart from the metro cities of the country, there are a large number of factories in small towns and on the other hand there is less vegetation to control pollution. Another reason is the overuse of diesel generators, which increases pollution levels. The increasing income of the people of the country has increased the purchasing power due to which there has been a huge jump in the sales of

cars. The pollution spread by the fumes of countless cars plying on the country's roads every day continues to mix in the atmosphere.

The way the cities are growing has led to a huge increase in the construction of buildings. The construction sites of such buildings create piles of dust which also add to the pollution. Also, it is difficult to calculate the huge amount of toxic gases that are released into the atmosphere due to coal fuel used in power plants. As the cities are developing, the population of such cities is also increasing by leaps and bounds. Because lakhs of people from surrounding villages reach such cities with the intention of earning daily bread. Increasing population increases the burden on natural resources and also increases pollution.

Another major factor is responsible for air pollution in North Indian cities which may not be seen in other countries of the world. Every year after harvesting the crop is burnt to dispose of the excess stubble causing an alarming increase in the amount of pollution. Thus the National Green Tribunal has banned this kind of stubble burning but the farmers are defiantly ignoring this ban. According to the report of the International Food Policy Research Institute of America, people are being pushed to the brink of death due to the way many areas of North India are covered in ash smoke for three to four months. The economic aspect of this is also worrying. According to an estimate, stubble burning causes a loss of two lakh crore rupees to the country's economy every year. Similarly, fifty thousand crores of rupees are lost every year due to pollution caused by bursting of firecrackers.

It means that every year two and a half lakh crores of rupees are lost to the country due to pollution.

Different reports say that 39 percent of the air pollution in the national capital is caused by vehicles and 22 percent by industrial units. Apart from this, airborne dust increases the pollution by 18 percent. Thousands of industrial units operate in Delhi and its surrounding areas like Noida, Ghaziabad, Faridabad. What is also dangerous is that most of the industrial units operate in residential areas. Old vehicles also play a major role in spreading air pollution. Millions of vehicles on the roads Runs whose life has ended. PM 2.5 particles are emitted in the highest amount from such vehicles.

FOR CLEANER ENVIRONMENT

Recommendations

- Government should frame regulations for stopping re-registration of vehicles older than 20-year old
- Count-down timer should be provided at traffic signals
- Make vehicle fitness mandatory for vehicles above 10 years
- Strengthen PUC norms
- Awareness campaigns should be carried out



What was the court order in 2012?

The high court had ordered all vehicles plying on state roads to be shifted to natural gas. It also directed the administration to levy extra tax on vehicle owners to provide relief to those who use public transport. It said that if vehicles are allowed to run on fuel other than natural gas, the government should impose stringent restrictions for reducing pollution by fixing level of permissible emission to minimum - in

Although the Supreme Court has warned the central government, state governments, agencies and the environment ministry several times to tackle air pollution, the governments seem to lack effective plans to curb pollution. As the Lok Sabha elections are approaching, no political party claims to reduce pollution in its election campaign or agenda. In fact, the main reason why political parties do not raise the issue of pollution is the apathy of the people towards the problem.

It appears that the people of the country are so engrossed in other problems that they neither know nor care about the dangers posed by pollution. Or, as it happens in everything, they have taken up arms against this problem, considering it their fate to breathe in toxic air.

The people of the country do not talk about the issue of pollution as a result of which the issues related to the environment remain only on paper.

On the one hand, Swachh Bharat Abhiyan is going on and there are claims to make the rivers of the country pollution free, but without the participation of the public, such campaigns are not going on much and the quality of the air being breathed is continuously getting worse.

Talking about China, with whom we are competing today, China was once in a very bad situation in terms of pollution. But the government there has emphasized strict implementation of long-term plans to reduce pollution. Also, large-scale awareness campaigns against pollution are also conducted in China. This is the reason why the only Chinese city in the top ten polluted

cities is not Beijing, the capital of China, which has suffered a lot of infamy in terms of pollution, but the industrial city Shanghai.

CONCLUSION:

It is the need of the hour that foresight should be developed regarding pollution and awareness should be spread in the society. If this does not happen, then in the coming time, the small and big cities of the country will not be livable and the consequences will be disastrous. If the government does not take proper measures to control the pollution, there is a need to draw the attention of the government by organizing a movement to save the environment

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