

**A STUDY ON MEASURES TAKEN TO CONTROL AIR POLLUTION IN
BANGALORE CITY**

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ABSTRACT:

Air pollution continues to be one of the most serious environmental problems in the world, having a big influence on ecosystems, human health, and the economy. In this study, the main causes, effects, and mitigation techniques of Bangalore City's air pollution are examined. The study emphasizes that the main causes of declining air quality are industrial processes, waste burning, and vehicle emissions. The paper examines the efficiency of pollution control technologies, including scrubbers, cyclones, and electrostatic precipitators, in lowering harmful gases and particulate matter through a thorough review. The report highlights government programs designed to reduce pollution and encourage cleaner fuels and procedures, such as guidelines and policy changes. However, individual initiatives like utilizing energy-efficient appliances and public transportation are just as important. The socio-environmental and health effects of air pollution, such as respiratory illnesses, decreased crop yields, and ecological imbalances, are also investigated in the study. According to a Bangalore survey, reducing air pollution requires raising public awareness. Adoption of green technologies, enhanced public involvement, and more stringent enforcement of emission standards are among the recommendations. The results highlight the need for a cooperative strategy involving citizens, businesses, and legislators in order to achieve long-term improvements in air quality.

Keywords: Air Pollution, Environmental Policy, Sustainable Technology

INTRODUCTION

Air pollution is currently one of the most pressing natural concerns. While nine out of the ten most dirtied polluted cities in the world lie in India and Pakistan that leaves no room for self- satisfaction amongst other countries somewhat in light of the facts that they also have their own issues and furthermore on the grounds that we live in an associated biological system. Air pollution is a multiplex thing as so many components or elements are answerable for the poor quality of our air.

Air pollution are basically the foreign thing in the air-can be manmade or happens naturally, and are concentrated where people are concentrated. Pollution is dangerous to health and its prevention puts an economic weight on the people. Further emission decreases from vehicles, and transportation measures and programs will be more difficult to achieve, but the challenge has been displayed, the choice is up to the citizenry as to whether there shall be clean air for all-and at what cost. Air pollution has been a danger in recent years creating serious threats to environmental and social welfare. the government, experts and industry have been at the forefront to handle air pollution with the help of policy reformation and technological advancement. The goal is to understand the innovation activity in the technology dominions and the different ways to notice patterns in relation to spreading of innovation in different jurisdictions. We emphasise on well-known Indian companies active in air pollution control measure dewy innovative technology business and R&D practices. Paper highlights various nations on the priority list of industry technologies for security and misuse of developed technologies. Suggestions for future adopted advancements for air pollution control adopted under Indian criterion is also recommended. The right solution to protect air pollution is to deduct the outflow of pollution by changing to cleaner fuel and processes. Pollutants not eliminated in this way must be gathered or caught by appropriate air cleaning devices as they are generated and before they can escape into the environment.

Airborne particles can be removed from a polluted air stream by a variety of physical procedures. Common types of equipment for collecting fine particulates include cyclones scrubbers, electrostatic precipitators and bag house filters. Once collected, particles stick to one another, forming agglomerates that can readily be removed from the equipment and disposed of, usually in a landfill.

Air pollution happens when gases, dust particles, smoke are introduced into nature in a way that causes problems to peoples, animals and plants. Air pollution injures the health of humans and other living beings on our planet. It creates smog and acid rain, causes cancer and respiratory diseases, decreases the ozone layer environment and contributes to global warming.

In this industrial age, air pollution cannot be evicted fully, but steps can be taken to deduct it. The government has developed, and continues to develop, guidelines and instructions for air quality and order to restrict outflow in an effort to control air pollution. On an individual level, we can

reduce our contribution to the pollution threat by using public transportation. Furthermore, purchasing energy efficient light bulbs and machines or otherwise reducing our electricity use will reduce the pollutants released in the production of electricity, which creates the majority of industrial air pollution.

Air pollution is the introduction into the atmosphere of chemicals, Particulates, or biological materials that cause discomfort, disease, or death to humans, harm other living organisms such as food crops, or harm the natural atmosphere or built environment. A fabric in the air that can be disadvantageous to humans and the atmosphere is known as an air pollutant. Pollutants can be in the form of strong particles, fluid beads, or gases. What's more, they might be natural or manmade. Air pollution can be classified into two different categories; visible and invisible, both can guide to an alternation of the elegant balance of our environment and threat to health on a local scale and also risk to the system globally in types of consumption of the ozone layer leading to weather change, air pollution can arise in two main paths, first pollutants can be discharged straight into the climate are and known as basic pollutants can consolidate to frame optional pollutants and can be found in the arrangements of issues, for example, smog.

Air contamination happens when unsafe or excessive amounts of substances including gases, particles and organic atoms, are brought into earth's air, it may be cause sicknesses, sensitivities and even passing to people, it might likewise make bad others living beings, for example creatures and nourishment crops, and may problem to the regular or fabricated situation, both human movement and characteristic procedures can create air contamination. Indoor air pollution and poor urban air quality are recorded as two of the world's most exceedingly awful problematic pollution issues in the 2008 metal forger establishment world's most noticeably awful very badly spots report, open air pollution alone makes lot of million not expected losses yearly, it showing that world wellbeing association study, air pollution is now cause the passing of around 7 million individuals all over the world a gauge generally reverberated by the global vitality agency. Air pollution hazard is the function of the danger of the poison and the presentation to that show toxin, air pollution presentation can be communicated for a individual, for specific gatherings or for all populaces, for instance one may be need to ascertain the introduction to a perilous air toxin for a geographic zone, which incorporates the various microenvironments and age gatherings this can be calculated as an inward breath introduction, this will telling day by day presentation in various

ways, the introduction needs to incorporate distinctive age and other statistic gatherings, particularly babies, kids, pregnant ladies and other delicate subpopulations. The presentation to an air poison must be supported with the centralizations of the air toxin concerning the time consuming in every setting and the person inside breath rates for each subgroup for each particular time that the subgroup is in the setting and occupied with specific exercises. The air pollutant fixation in each micro activity setting is added to demonstrate the exposure, the systems which can all in this, for a few contaminations for example, dark carbon, traffic related exposures may overwhelm all out presentation of all the relating things in spite of short introduction times in since huge focuses harmonize with closeness to significant streets or investments to traffic, a enormous part of absolute day by day introduction happens it as short pinnacles of high fixations however it stays vague how to characterize tops and decide in their recurrence and wellbeing sway.

IMPORTANCE OF THE PROBLEM

Air pollution is the most significant one among those causes natural pollution, reducing poisons noticeable all around is significant for human wellbeing and condition, henceforth the investigation of air pollution is significant, since the air pollution control is important for better condition, all have to bothered about the reality of the air pollution and battle against for the control, the investigation about the air pollution is designed to expectation the environment counteractive action. because air pollution is one of the best wrongdoing ever committed, in spite of fact that dirtying the air is deemed satisfactory. It kills large number of people every year, it's additionally the main thrust behind climate change, we study air pollution so that we can better understand its effects and sources, we use the information to make informed decisions on meaningful ways to prevent and mitigate air pollution, we're still a long way away from having clean air. 90% of the world's total populace breaths messy air the size of wretchedness from birth surrenders, ailment, wellbeing, loss of efficiency is stunning, we cannot settle on information-based choices without information, furthermore, that is the reason it's important that we study air pollution.

Air pollution is one of the significant contaminations among natural pollution, in light of the fact that each living being needs air in each second, none of the living things can't make it without air. Also, that air ought to be crisp and clean, since the investigation of air pollution is important. Air pollution is likewise prompt's environmental change, the investigation of air pollution

comprehends the impacts and source, so we can take the counteractive action strategy effectively.

STATEMENT OF THE PROBLEM

Air pollution is influenced by the presence in the environment that is poisonous or causes health effects, it affects every human being and too all sectors: that are animals, cities, forests, ecosystems. In recent years, we have been interested in two areas in particular, which hurt many unfavourable consequences of air pollution: the nature or environment and human health.

THE CONSEQUENCES OF AIR POLLUTION ON THE ENVIRONMENT

In our environment all people, animals, trees, entire things can suffer facing problems facing from air pollution, that hide shapes and colours, air pollution particles in the long run fall back on the earth, air pollution can be straightforwardly pollute the surface of bodies of water and soil, this can murder crops or diminish their yield, it can murder youthful trees and different plants. Like people creatures can experience the ill effects of introduction of air pollution, birth imperfections, infections, and lower contraceptive rates have all been attributed to air pollution.

The contaminated air, floating on the outside of the earth, is diverted by wind and downpour. Clouds and high temperatures likewise help to scatter contamination to arrive at extremely huge spans from its place of starting point.

- Air pollution has a great crash on the process of plant evolution by averting photosynthesis in many cases, with genuine results on the filtration of the air we relax or we breathe.
- If there is a clean environment only human beings, animals, plants are also clean, that is the reason it is harmful to the environment, that is only the thing mentioned in above point.
- Air pollution adds to the arrangement of acid rain, barometrical precipitation as downpour, which are discharged during burning of petroleum products. by contact with water vapor in the air, acid.

THE CONSEQUENCES OF AIR POLLUTION ON HUMAN HEALTH

Air pollution impacts humans: humans experience a long range of health effects from being exposed to air pollution, effects can be dropped into short-term effects and also in long term effects. Short term effects that are temporary, this is not permanent, includes illness, they also include

discomfort such as irritation to the nose, skin, throat, and eyes, this pollution affects the humans a lot and it creates headaches. And here long term impacts of air pollution can keep going for quite a long time for a whole life time, they can even prompt a person's passing, long term health effects from air pollution include the all disease, lung cancer, a few researchers suspect air pollution cause birth defects, almost 2.5 million individuals kick the bucket world- wide every year from the impacts of open air or indoor air pollution.

Our continued subjection to these air pollutants is reliable for the decline of human health., Specifically, air pollution can cause cardiovascular issues, sensitivities, asthma assaults, blood issues in the psychological advancement of the youngster, among others. The most helpless are youngsters, the older, pregnant ladies and the sick. Here how the air pollution is consequence to the human health, that are

- Because of the air pollution the human health is not in a good position, he had to face a lot of problems because of the air pollution.
- Human beings are very sensitive, they can live without polluted nature. If there is pollution, it definitely means human beings are in a dangerous situation.

Air pollution might be introduced as the presence of two or more pollutants like dust, smoke, colour in the environment that affect human beings, forest and animals. And all these are related to the reason for this pollution and how it causes the pollution itself.

THE CONSEQUENCES OF AIR POLLUTION TO DIFFERENT SOURCES

Air pollution cause in various ways in all that this different sources it means that it affects the things that harmful to the human beings and also affected by the human beings that gives lot of strengthen to the study of this here, that is the reason it will include here itself, Different sources it means I want to tell here about that global warming, global warming is an environmental phenomenon caused by natural and anthropogenic air pollution. It refers to raise air and sea temperatures around the globe, this temperature rise is in any event in part brought about by an expansion in the measure of ozone depleting substances in the air, ozone depleting substances trap heat vitality in the earth's air, Here in this I will going to tell about the pollution how it is acquiring different sources in all different categories, in that the air pollution is acquiring dust and construction, waste burning, transport, diesel generator, industries, domestic cooking these

different things that would be the pollution acquiring things.

CAUSES OF AIR POLLUTION

The burning of fossil fuels: sulphur dioxide released from the burning of fossil fuels like coal, petroleum and other factory inflammable are one the major reason of air pollution, pollution emitting from vehicles including trucks, jeeps, cars, trains, airplanes cause an huge amount of pollution we depend on them to fulfil our daily basic needs of transportation. But their overuse is killing our nature as dangerous gases are polluting the environment or nature. Carbon monoxide caused by improper or incomplete burning and generally discharged from vehicles is another major pollutant along with nitrogen oxides, that is produced from both natural and manmade processes.

Because of agricultural activities: here because of air pollution effects for the agricultural activities a lot and also it is threat or causes for the agricultural things what we are do in the agricultural things, most farmers centre around addressing to difficulties of nuisances and sicknesses and agronomic practices yet a major test could be the impact of air pollution. Crops can be harmed when presented to high groupings of different air poisons, damage ranges from unmistakable markings on crop leaves, to decreased development and yield to unexpected passing, if there should arise an occurrence of creatures, it might prompt pollution because of eating bad feed and water, the development and seriousness of the damage depends not just on the grouping of the specific poison yet in addition on various different things, these incorporate the length of introduction to the poison the plant species and its phase of advancement just as the ecological variables helpful for a development of the pollution and to the preconditioning of the plant, which makes it either defenceless or impervious to damage.

NEED AND RELEVANCE OF THE STUDY

The techniques introduced to decrease or delete the emission into the nature of substances that can threaten the nature or atmosphere or human health. The control of air contamination is one of the principal areas of contamination control, along with wastewater treatment, solid-waste management, hazardous-waste management. The better path to save air quality is to decrease the release of pollutants by changing to cleaner fuels and processes, pollutants not removed in this way must be collected or caught by related air cleaning devices as they are shown and before they can went-off into the environment, these devices are portrayed below. The accentuation of this

article is air pollution control innovation as it is intended to expel particulate and vaporous toxins from the outflows of stationary sources, including force plants and mechanical offices. The control of air pollution from portable sources is portrayed in emission control framework.

What is the need and relevance of studying this case means :

❖ To give the awareness about problems creating by air pollution:

The need of studying this topic is to create awareness to the people about the problems created by the air pollution, that is the reason for the studying about this topic. Here people facing lot of problems that are creating by the pollution, they should not know perfectly about this and also what the problems affected on us and also what the threats is creating on the people that awareness is very important here, and this is very threatful to the animals and plants, and they must know the things which are mentioned here. Now only the chance to overcome from these pollutants affecting on us and also for this purpose only we are going study on this topic and also taking measures to control this pollution, like this the pollution affecting and like this harmful to the people and also to atmosphere.

❖ To control of particulates

Airborne particles can be expelled from a dirtied airstream by an assortment of physical procedures, regular kinds of hardware for gathering fine particulates incorporate typhoons, scrubbers, electrostatic precipitators, and baghouse channels. When gathered, particulates hold fast to one another, framing agglomerates that can promptly be expelled from the gear and discarded, as a rule in a landfill. Because each air pollution control project is special, it is usually not possible to decide in advance which is the better type of particle-collection device. Controlling things must be taken on a case by case basis. When all is said in done, tornado authorities are regularly used to control modern residue discharges and as pre cleaners for different sorts of gathering gadgets, wet scrubbers are generally applied in the control of combustible or dangerous cleans or fogs from such sources as mechanical and concoction preparing offices and perilous waste incinerators they can deal with hot airstreams and clingy particles, electrostatic precipitators and texture channel baghouses are frequently utilized at power plants.

❖ To cyclones

A cyclone removes particulates by making the bad airstream in a winding way inside a tube shaped chamber, bad air enters the chamber from a digressive heading at the external mass of the gadget, shaping vortex as it swirls inside the chamber, the bigger particulates in view of their more noteworthy latency, move outward and are constrained against the chamber divider, eased back by contact with the divider surface, they at that point slide down the divider into a cone shaped residue container at the base of the typhoon. And waste air comes to the chamber from a heading at the non-internal mass of the gadget, shaping the vortex as it swirls inside the chamber. The cleaned air twirls upward in a smaller winding through in a internal chamber and rises up out of an outlet at the top, collected particulates residue is intermittently expelled from the container for transfer.

❖ Relevance to health care by air pollution

The aim emergency room always receives about 150 patients. Over 1,00,000 patients were examined for the study, which concentrated on patients with aggravated symptoms of asthma, chronic bronchitis and heart ailments, the study found that TSPM was largest in November and December; and so were the hospital admissions. a lot of patients with cardio-respiratory issues increased sharply in these two months when the TSPM levels decreased, the fact the admission refused in January showed that cold weather alone was irresponsible for increase in heart ailments. Otherwise the only study on air contamination and human health in India came from the world bank in 1994. This study had categorically stated that small particulate issues.

And it is the very bad to the healthcare it affects the lot, lot of members that depends only on the health, if there is a health is bad at the same time the situations that would be faced by the person he is also in a bad situation he must be give and follow the instructions that will be faced by the person and also be a memorable thing that in this situation.

The situation in Bangalore is particularly worst because of the cocktail of contamination recorded on a daily basis, in which a lot of pollutants exceed the air quality standards at the exact time. If the small particle contamination levels in there ever reach the same levels as Bangalore, this is all about the health care, how it is affecting human health and the same to measures taken to control the study of the air contamination in Bangalore city.

OBJECTIVES OF THE STUDY

- To create public awareness about the air contamination and its impacts to help the community or the society.
- To save the public from different types of diseases, including tuberculosis, asthma, and other skin diseases.

RESEARCH METHODOLOGY

Here in the methodology of the research I will brief about the description which I have collected or received from the respondents, peoples and all. In all the places they have said that what are all in the ways they are facing the problem with pollution that comes from the air and also that company and the employees are facing the problems these are all the problems that company employees are facing the problems.

I visited one of the company in the Bangalore they are all said that due to the pollution only they have not doing works properly and also what are all the threats they are taken to come up from that pollution this is also one of the main reason to that and also the companies want the good atmosphere nature for them and their work. There is now and then seen in the structure of an overview the evident aim to describe the environment of a region by itemized concoction investigation of the greatest number of substances as can be taken care of in the research facility. After effects of such works, notwithstanding, uncover a drearily comparative character in the air solids in various urban areas all through the nation and such contrasts as are seen are discouragingly without real noteworthiness, the most significant one here being that nobody knew for a long time what the reason for brown haze was and all specialised research was committed for an extensive stretch to responding to this enquiry.

Generally, for all the companies they want good nature with unpolluted air or nature, the pollution is sometimes created by vehicles, factories and all those things. This is about the methodology of my research.

DATA COLLECTION

I met the people to know the problems facing the pollution and also to know the reason that is the main reason for polluting nature, and use tables and pictures regarding the study, as per this I will

make a survey in two areas regarding the pollution. The survey in both the areas as below:

1. First Survey

CONTENTS	PERCENTAGE
Factory	30
Vehicles	40
Other	20
Home	10
Total	100

Here as per above data, the survey gave data that because of the factory air, waste from all these they gave 30% pollution is because of the factory and 40% because of the vehicles and 20% because of the other sources, and also 10% because of the home using things, Here as per the public opinion and all they saying that because of the vehicles only the air pollution increasing a lot. Finally, this survey shows that because of vehicles the air pollution is increasing a lot. This is the information regarding this.

2. Second Survey

CONTENTS	PERCENTAGE
Factory	30
Vehicles	40
Other	10
Home	20
Total	100

In the first survey the people have different opinions as per their knowledge and here also they give that for the factory they gave 30% because the factory is so worst and very damaging to the earth and also it threatened to the human beings a lot that is the cause that they give that percentage for the factory. And also another one is vehicles, for this they will give 40 % to that, because of

the vehicles, and because home appliances or home things 20% pollution is creating, the pollution keep increasing day by day from a lot of years, vehicles creates a huge pollution to the earth that is the reason only they give that percentage. And also 10% for the other things.

These are all the ways of people's opinion that declares that from different perception of the people about the pollution. And control as well as they possibly can with their own efforts regarding this high level of pollution.

An above mentioned that as per people's intention or their perception how they thinking about the air pollution and major reasons that would be happening to the nature, that is intention to making this report here and also how the pollution is happening here, This all the information I am collected regarding this research only based on secondary data by collected data through the observation and what people told that by their experiences and all. And also making some important things about how the majority of level air pollution is happening here, whether it is because of vehicles or factories etc., these are all the information that is collected or received from the public, this is the data analysis collected by the people and their observations about the air pollution.

SOURCE OF DATA

Secondary which are collected and sorted after being collected and used for some purpose by some ways, these may be in the form of published and unpublished form. The sources are air pollution control board, books, publications, records of private firms, etc,

This empirical study relies on secondary data to analyse the findings.

TOOLS FOR DATA COLLECTION

Data collection through Observation method.

PLAN OF ANALYSIS

A data analysis plan is a detailed proposal that structures a project work, states the objectives of the project, identifies the needed data sources, and describes the methodology of conducting the study.

LIMITATIONS

Air pollution has been one of the highest threats that the people have been facing from lot of years. This is not a problem for some specific places, it is very important for some people across the world to restrict the issues that are related to air contamination. The air contamination index has been at all time highs for quite some of the time, the effects of air contamination can be serious and very effecting to your overall health.

- Breathing polluted air puts you at a major problem asthma and other diseases, ozone and traffic pollutants can set-off an asthma attack, there is also urgent proof for onset of asthma associated with pollution. And also it causes a lot of problems that affect the maximum of problems in living, this is the limitation of that.
- Air pollutants are generally cancer-causing agents and living in a worst region can put individuals in danger of malignant growth, disease hazard increments with introduction to dangerous air pollutants,
- Brain requires a high measure of energy, henceforth there is an intense interest for oxygen supply, diminished oxygen content in air prompts deficient vitality supply to the brain there is likewise the danger of migraines, misery, nervousness, and so on.
- Being in contamination can cause aggravation in the throat, lungs, and eyes. For most sound grownups, sick impacts of being in contamination clear up when the air quality improves. Kids, older people, and individuals with asthma, and other lung and heart issues may feel the impacts all the more intensely.
- Presentation of air contamination during pregnancy can expand your danger of untimely birth, stillbirth and low birth weight. Stillbirth is the point at which an infant passes on in the belly following 20 weeks of pregnancy, while you work at limiting the air pollution, you should screen the air quality around you.
- Potential not classification of parents means mothers who go in pregnancy soft or sensitivity study excluding women who moved while they are in pregnancy (7% of women) shows that same results.
- Yearly mean fixations may have led to some introduction misclassification as air pollution

levels can change inside a year. We balanced every one of our models for the period of conveyance or birth to help control for a portion of the changeability.

These are all the limitations that measures taken to control air pollution.

SWOC ANALYSIS

Strengths

- Basically when talking about the strength of this project it is a social subject, that is the reason all people responsible for this thing and also they have to think about threats which are coming on the earth, human beings, animals, plants and also creatures, and this projects strength is to that what I have collected the data and analysis that is only the strength of my report.
- Information which I have got regarding the air pollution it is very useful for this project and also it is very understand to the public, and also make very neat clear picture regarding to control the threats of this, And one more thing is what the data I have collected from the air pollution board that is all enough to control the pollution in the city, and also which I have got the information's from the respondents about the topic that is also comes under this, finally these are all the strengths of this report.

Weakness

- In this also the weakness of this project is to the information's which I have collecting by the people or with the respondents I thought that that are all not the full information that I have got that is only the reason this is the weakness of the project, no one is ready to follow the rules and regulations which regarding the air pollution, it cause the all weakness to this pollution and also in this nation many are not able to understand the problems which arising by the pollution,
- they have to understand and precautions must be taken from them, and one more thing is many are still doing threat to the society with the help of pollution, and also they must be follow the rules and regulations from the government and also they have to think on it and they have to work on it then only pollution will be control in the earth, and then only humans are chance to leave safely in the beautiful environment this is all about the weakness of this report.

Opportunities

- There is a lot of measurement I want to take from the government and also from all the people that are included in the society. That is the reason it is only about the topic of all the settings of the people that would be under the method of this .
- Here In opportunities also which things are right to have a opportunities means personnel care and measures have to be taken from the people because different kinds of situations decides different things and also different minds have different kinds of ideas or plans also, all the things were very important and matters here telling that because of this pollution measures would be taken and also care will be taken from the people then only we escape from the things which we have face the threats and also in a certain ways that we follow the things also matters a lot, and another thing is there is a lot observations would take from the government it is very necessary for that, if there is a government will strict and serious only the public also becomes serious, if the government will leave the things which causes the people the public also do the same, that is the reason this is also the one of the opportunities to overcome with this.

Challenges

- Day by day the nature and also in environment will change, every day it is very from one atmosphere to another, here the challenge is to control or limit with the climate change, sometimes it decides how the things will going on and also it is our responsible to keep the climate in balanced that is the reason it is one of the challenge to the report and the people, and another thing is there is no people who come and support for this social activities, there are busy with some of the works,
- no one is there to come and give stand with anyone, that is the reason it is also the one of the challenge to the report, and final thing is that the reducing risks or threats from the toxic air pollutants, this is also one of the challenges to this, these are all the challenges to this report.

OUTCOME OF THE RESEARCH

❖ PEST ANALYSIS

POLITICAL:

In political analysis there is no understand between the state and also in central government, if there is a understand and when cooperation between the state and central government only the

works should be done perfectly, and if state government is accepted to do some activities regarding the air pollution at the same time not ready to do the central government for these activities, because every party they have own clashes on the things here. There are very bad politics they are going to make some of the nonsense in their own way that is the reason no chances to bring the part of it, And also lot of misunderstanding between the political parties this is about the political things in this analysis.

ECONOMICAL:

In this report economically how it effect or impact the study of air pollution here and also economically how the report will be considering these points here, here increasing the economic extension and energy demand will lead to a notable increase in global discharge of air pollutants and the GDP level also decreasing because of this reason and also air pollution is effects on the market because of the air pollution, which include impacts on labour productivity, agricultural crop surrender, and health costs. This is about the economical thing, it is caused only by the set of all the problematic things of the situation that arise by the way of the economical thing and it will come under the method of the way of it, Economically it is very harmful to the people and also to the environment.

SOCIAL:

Here in the social thing the things which are must follow by the people they are not follow the rules and regulations properly and also they have do the things that are safe to the society, and also the people they are not aware about the pollution that is the reason they must aware about the pollution and also which are the bad things to the society and all and another thing is the pollution is affects the trees, rivers, soils and also wildlife that is the reason the people follow the precautions that give by the government to protect the environment and also the nature, it is the social thing that will affect the things in a socialistic way and make some of the things that ever consuming some of the situations also in a proper source of this, air pollution is not good to the society and also that is our responsibility to protect the environment from the pollution. This is the social thing of the research.

TECHNOLOGY:

In this technological ways also lot of things have to follow in the way and give things to the in a

good way of all the systematic problems of this, Nowadays lot of technologies are implemented in the world which are not affected to the people as well as environment, here we are using the petroleum vehicles, better to use solar vehicles and battery charging vehicles because it is not give the air that comes from the vehicle, if we are use the petrol vehicles it gives the bad air to the environment that is the reason better to use the solar vehicles and battery charging vehicles behalf of the petrol or diesel vehicles, this is the study of air pollution.

FACTORS AFFECTING THE STUDY

Industry

Air pollution is happening from the different ways of nature in all that from industry the pollution happening a lot and also industry is the major role played here and also it is very harmful to the society also, and we have to control the situations that arose from the industry and also that is only our responsibility to take the precautions regarding the air pollution control, the reasons of all the pollution is that the air is released from the industry is very bad and also it affects the people a lot that is the reason in the pollution of earth industry's part is very high. The above mentioned industries have 52% of the pollution that is the reason it is one of the factors.

Transportation

Here from the transportation also facing lot of threats in the society, vehicles gives and creates lot of bad air, in fresh air this bad air when mixes the fresh air also becomes bad, that is the reason this one also the thing that comes under the pollution, by the transportation also pollution happening a lot, the transportation means what pollution created by the vehicles, vehicles are very big problem to the pollution, what the vehicles give the air that is very bad here that is the reason only it is not give fresh air to the environment, the better solution for this problem is that we are using petroleum vehicles, if we are using current vehicles means behalf of this petrol diesel vehicles we want to use the battery vehicles and solar vehicles then only not come the bad air this is the solution for this problem here, and also another thing is here for the air pollution they give 27% of that, it is all about the transportation that created for the air pollution.

CONSUMER AND COMMERCIAL PRODUCTS

In this the only thing I would be talking about that there is some of the reasons there is a pollutant

way of things that affect and that losses the environment and also it is one of the cause that will gives lot of ways of the systems this is the only thing that about the consumer and commercial products in the way of pollution. also because consumer and commercial products also create a lot of pollution in the environment, as per the above graph for this they gave 8% and also it creates pollution by the consumer and commercial type of products that is the reason this is also the factor of this study.

COMMERCIAL AND RESIDENTIAL HEATING

In this factor the pollution created by the commercial and residential type of heating of the things, because it causes the polluted air with all the pollutant things and it will be for all the methods that take measures of the control of pollution, but here they give 1% to the control of air pollution. For residential purpose they make lot of things of the polluted of the emissions that are problematic to the things and also make use of sense with the normal range of the things here, it gives full of sources regarding this all problems and also take a chance to obeying such a better source of things in a particular way of all the universe source that will occur in this study.

AGRICULTURE

In this for the agriculture also have a lot of problems that will occur to the human beings and animals and all here such an process give a things of all the problematic way of processes that make all the things successfully in the thought of this, An above mentioning that because of agriculture also creates lot of polluted air in the environment, because of agriculture they producing by the help of soil, ingredients that used for the plants, these are all the things that cause the pollution here, this air pollution creates by the agriculture, as per above mentioned chart they give 10% to the agriculture it creates pollution by this way also.

OTHER

In other way of things also lot of reasons or problems comes in this, in all that it will give a specific source of the things give a specific things of the methods and such a give problems of all the managerial source of the problems, By the other sources of factor also the air pollution created, these all the factors created a pollution in that also this other sources also the reason for create the pollution, here above mentioned that for other sources they gave 2% for that, this is the reason for the pollution that creating for the pollution.

These are all the ways or factors that create or control air pollution.

EXPERIENCES

- When I go to collect the information regarding the air pollution, people or respondents were positive and also co-operative.
- I am very eager to know the information regarding air pollution because of this study.
- It gives the full information regarding how we would be in the society and how we are as human beings.
- I understand a lot of things related to air pollution, from which are all the ways air pollution is happening and affecting society.
- My experience about this study is that I thought it gave full information to control the air pollution.
- This study helps to study more things related to pollution and about the air pollution control board.
- It was a really amazing experience, sometimes the respondents did not react properly.

❖ LEARNINGS

- In this I got More knowledge regarding how pollution is happening in the city, than when I visited the places relating to the pollution.
- Lot of things I got to know that what I am studied regarding things everything is a new-things to study.
- Another thing that I learnt from this is that there are many things that teach a lot of knowledge regarding this.
- Huge necessary information collected from the air control board relating to the study which controls air pollution.
- Made plans for how to take measures to control air pollution in Bangalore city.
- In this I learnt that in future how to control the air pollution with the measures that are not affected to the society.

- It gives knowledge on how the air pollution is affecting and how the measures are taken . These are all the things that I learned from this study and it is very useful for everyone.

CONCLUSION

Air pollution creates very bad impacts on the earths, as above all telling that all the precautions that have to be taken for the control of the pollution, we have to follow that, and also that is our responsibility to keep a good atmosphere on the earth because of the plants, animals, human beings and creatures. Air contamination can be prevented just if people and organizations quit utilizing dangerous substances that reason air contamination in any case, this would require the end of all non-renewable energy source consuming procedures, from modern assembling to home utilization of forced air systems, this is a far-fetched situation right now, be that as it may, we need to make rules which set most grounded guidelines on modern and power supply assembling and taking care of. The guidelines are to be intended to further decrease hurtful outflows into the earth's climate. Nowadays air pollution is very problematic to the society and environment, also to public health. Because of the huge dust in the city, public are falling diseases to various complex victims, including asthma, respiratory complications, other skin diseases, tuberculosis and bronchitis etc., the only path to brief or expand the accountability of public administration is government should speedily translate is national atmosphere policy, transport policy into action to advantage the people of this nation, otherwise this nation will be in risk.

The main thing I am going to conclude for this study is to all the people who are in the nation they have to take care of the environment and also they must make it clean. The system which give the government to reduce the air pollution we have to follow and control the threats which are going to happening in the future, we want to reduce the bad air consuming which comes from the vehicles and also we have to precautions that control to the environment, behalf of the petroleum vehicles we can use battery vehicles and solar system vehicles then only we control the air pollution. Air pollution is from different sources and also includes vehicles that waste air, fuels have shown to have effects of the air pollution. In air pollution we have to follow the things which control the pollution. Air pollution causes health effects on human beings, and plants. And we have to take measures to control air pollution.

Air pollution is a major environmental cause. It can affect the human health and life support

systems as well, however fresh air is an essential thing of life . air contamination has long been a threat in the world and without air, earth we would be not able to live a beautiful life, effect administration and outside water can be tuff for build projects, groundwater can be reduced by pumping factors and barring methods, environmental impacts including ground settlement and movement of contaminated groundwater. It must be done to control, screen and amend harm done by contaminations, the issues different and some are just being perceived yet it is essential to keep a nearby power over poisons with the goal that we can keep nature in an adequate condition for who and what is to come. And this air contamination is a major nature related health problem to children and a tuff thing for both acute and chronic respiratory disease, to control this problem want to action by central or state government and also raise awareness among public, the final conclusion of this report is we have to follow the rules and regulations of all the measures taken to control the pollution, and we take precautions to control the air pollution primarily, it is the conclusion of this project.

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