



A Study on the water pollution based on the Environmental problem

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KEYWORDS

In the world 5th June is celebrated as "world Environment Day." Environment means layer around us. Air, water, animals, trees and etc are involved in Environment. According to the history of the earth, Earth was created about 550 crore years ago. On this earth, the ecosystem was created about only 90 crore years ago. When the human creation was created about 50 lakhs years ago. After the creation of earth, the Environment and condition were changed day by day. The Environment also created due to the creation of earth. The Environment is a natural creation where human lived with collaboration with nature and lived natural life; there are no questions about Environment. But when human learned the word 'Culture', he was estranged with nature and later he creating a perversion with the word 'Culture'. And that upset the balance of the Environment. In addition, the pollution of Environment increases by the furtherance of science and industrialization.

The numbers of polluters are increasing day by day. So, the life of the human and animals is getting worst on the earth, for this condition, an increase in population, modern life-style and industrialization is responsible. In the view of last three decades, human has been concerned about the Environment. We have to accept 21st century as an Environment saving century as an Environmental problems. In that, Air pollution, water, noise pollution, sewage pollution, and other types of pollution by solid objects and etc are included.

With the development of science, Environmental questions arise. With the help of this science, it requires huge efforts from the scientists and Environmental experts to solve the questions.

In different types of Environment pollution, water pollution is the biggest problem for human being. "Water is a Life" Line has very much importance in our country. According to the holy books, our body is made of five elements. In our body $\frac{3}{4}$ part is water. Most of its requirement is provided by drinking water. 70% of brain and 83% of blood is made of water. So, water saves our life. The elixir of life is water. On the earth 97% of water is in the sea, which is saltier. So, it is not used for drinking directly by human 2% of water is on the north and South Pole as an ice. So, it is also used in Agriculture, industry etc. And 1% of that 97% is in the subsoil water. Therefore only 3% of water was used to drink by humans. So, we have to save water.

The biggest parts of our countrymen are doing water pollution by river's worship. They do not think about Pollution Rivers. Citylization, industrialization also does harmful effect on water pollution. Inappropriate way of farming, waste of water while farming and other religion and social customs are responsible for water pollution.

Water pollution problems are related with all rivers of India like Ganga, Yamuna, Kaveri, Krishna etc.

❖ How pollution occurs?

Industrialization :-

A Line from Bhilad to Ankleshwar is called an "Industrialization Line." Industries are taking major part to pollute water. In industry, in the production department, so much water is required. In industry's toxic metals and oil are produced, which has solids and phenols so that used water is not cleaned and it was applied in to the river and sea, lakes directly. So, the quality of water from the river decreases. So, this type of water pollution risks humans and animals life. City areas' water pollutes 75% of the rivers and industries are pollution 25% of that. That is more harmful.

Human population :-

Reckless growth of population creates so many wastage, which are polluting Environment. So Environmental pollution increases rapidly. The liquid and solid waste, which is produced by human consumption was inserted in to the rivers. In human's sewage Eshperi chiya kally and streptophoxen like bacteria founded. So, the water is polluted.

Chemical fertilizers and pesticides :-

Chemical fertilizers and pesticides are polluting water. Pesticides like atrazine, Benomyl, Linuron etc, which are banned other country, are used to destroy insects, germs and used to destroy insects, germs and fungus in India in the monsoon season, this type chemicals are pollution water sources directly. In the cooling system of factories, Heat pollution is created, which effect to river system. Because of that, the temperature of river water increase upto 25°C. So they destroy river's organisms so, the rivers were polluted.

The waste, which is produced from nuclear reactors, is affecting main water source of drinking water. So, the water pollution is created.

The Liquid and Solid waste which discarded in to rivers, reservoir or sea water, will pollute subsoil water.

Ganga, the one of the biggest river of the world, will be polluting all areas near its riverfront. And although it passes through the city areas and taking dirt and wastage from there to other place. Kolkata and around its industrial area, the factories will pollute 5.35 gellen water daily and polluting the holy river of India. 50, the Gangajal was polluted. As a result of that, lots of money is used to purify water of Ganga River. That realism is a big challenge for us against pollution.

In saurashtra's Jetpur, due to the water pollution, Villages near from the Bhadar River got the red coloured water because of saree industries.

Pollution by plastic waste :-

Modern pollution caused by plastic and polythene now a day, the main reason for water pollution is plastic waste, which is dined by us. Around all cities, plastic waste is ruling. The waste was put into the plastic bags and thrown away the cen-

tral pollution control board was surveying around five big cities of India, about plastic waste. According to the production of plastic which does water pollution, the No.1 city is Chennai and No.2 is Kolkata. After that Mumbai, Bangalore and Delhi comes respectively.

After the worship of god, the waste was put in the plastic bag and thrown away. So, the water pollution occurs to see that, we have to stay nearby the river's like Ganga, Yamuna polluted by plastic waste.

Religious beliefs :-

After religious worship of god, instead of throwing things anywhere throw it in the river was their beliefs. Such as, ash, old figurine, etc. After religious activities the idol of god is scattered in the river. So, the riverfront and whole river was polluted. Although, after death of human beings, the Funeral was also put in the river, their beliefs. So, the water pollution increases. For funeral ceremony, half burn woods and ash also thrown away into the river.

Waste of City :-

Different types of activities of human beings made a lot of tons of waste in city areas. Plastic, metals old parts, different types of polythene bags, animal carcasses, a spoiled vegetable etc are included in that.

In addition, the waste of city areas is thrown in the nearby river. So, that are polluted. And also the drainage water and sewage water of urines are passed in the river directly. So, water pollution occurs. Urine and sewage of human beings are the river pollution. According to a survey, more than 1918 millions litre water was polluted and then included in the Yamuna river, which is in the Delhi, the capital of India.

❖ Proper way to control water pollution :

Environmental Protection Act 1986 and to restrict and to control the water pollution, act was created in 1974 was passed.

Forbid you to do not spoiled water in water wells, rivers, lakes ponds, canals etc.

Mills, factories, In all areas of industrial waste in the river, sea or any other reservoir should forbid you to waste and should compel the industry to clean dirty water.

Drainage water injected in the river and sea, instead of it, a proper way must be used like safe disposal system.

Oil carried by container in sea water, does not leak it be fall in water. Oil is to be absorbed from water must be managed by transporters. If they do not do that. They do not be allowed to carry oil by government.

Nuclear waste should be strictly prohibited to put in the river or sea.

Should put a ban on nuclear explosions coming from the ocean.

Solid and liquid household waste of city areas can not be disposed in the river. If they do it, they should be severely punished.

To prevent contamination of the river after a fire burned the religious activity in the vicinity of the river to be banned. Do not pollute river with urine and feces. While bathing in the rivers like Ganga do not use soap and shampoos. Do not do funeral near river like Ganga. Not to do bone dissolution into river.

While taking Glimpses of river Ganga, do not put funeral in the clear water.

Environment protecting Policy :

Economic development and environment are the two sides of a coin. We have to take care of the harmness to the environment due to development process. .

Take environment protection projects, so students can learn about environmental problems in their learning period of school and colleges.

We should establish the environment protecting groups and students club to save environment.

Having a purpose to get useful matters from house hold and industrial waste water. So, we can reuse it.

The dirty water must be disposed properly and do not waste water.

Do not cut the trees. Growing them, Growing trees near houses, both sides of the roads and also near canals.

More than normal tax on the industries or companies, which produces more pollution?

The people, who were polluted due to the pollution of companies, must be fined, and who obey the rules should be subsidized by government and also get benefits by that company.

Pollution – free areas should be declared like Gandhinagar.

According to the restriction being placed by water act :

Any toxic, objects of bad smell or polluted substance will not be added to the water of any rivers, wells or lakes directly or indirectly by human beings.

Do not pollute water by drainage system of cities, industries, without taking state government pre-approval and also make a proper way to clean up water from water system to recycle. So, we can reuse it.

Conclusion :

The supreme court of India has ordered to apply environment subject in all school and colleges from June 2004. To control and prevent water pollution, environment protection act has been passed by Indian government in 1976 and also in 1986. But today after the new industrial rule from 1991, the developed countries were not using this type of business but in India, they are giving loans to progress this business with the help of the word "FREE BUSINESS". Now, environmental protection policy is only in paper in the blind race of development, those who reflect pollution explosion eruption, are creating more pollution and polluting nature. If we are not awakening, our children, are taking mineral water to school today, but tomorrow they will take oxygen bottle with them.

REFERENCES

• Economics of social sector Real visit of rivers | • Environment | • Project | • Environment Learning | • Environment protection and risk management | • Environment and water pollution |