

Plastic is a bad nightmare to our daily life. Its production and consumption have been rising very rapidly due to its wide range of population and exploitation. However, because most of the plastic waste does not decompose naturally in garbage dumps and creates toxic smoke after burning, it is not environmentally friendly and causes a very serious hazardous problem to humans as well as the environment.

Waste generated from plastic materials is very difficult to dispose of as it takes over millions of years to dispose of, creating it a global concern. Due to the increasing use of plastic bags, utensils, and furniture, there has been a significant increase in plastic waste.

### **How much plastic waste is generated?**

Today 270,000 tonnes of plastic waste floats on the surface .Over 8 million pieces of plastics was detected their way into our water bodies daily. 79% of plastic waste is dumped into land areas , while only 10% is recycled . 25 trillion macros & 51 trillion microplastics dumped into our oceans.

### **Why is plastic a problem?**

The whole world is troubled by plastic waste. Be it the sea or the rivers. Be it mountains, distant islands, or plains, even in the middle of the street, roads, drains, or sewer pipes, its ill effects are visible due to the excessive use of plastic.

By the way, conditions are also applicable to this restriction. But, today plastic is seen in the world as an enemy not only for humanity but for all kinds of creature

The things which are in the form of a boon are obtained from nature or other human-made objects and actions.

Whatever man gets as a boon, on using it more and more, it becomes established as a curse later on.

This is the reason that due to the excessive use of plastic and every small thing which has started getting used more today, it is being established as a curse for human beings there.

Growing Environment Global Warming Rising summer temperature is a harmful component for the environment here

Even more terrible it is a curse for human life and excessive use of plastic has become the main problem.

### **What is its effect on the environment-**

It harms the fertility of trees and plants in the oceans, and at present, about 50,000 pieces of plastic are floating in the sea.

It is made from chemicals obtained from petroleum. From an environmental point of view, it is a big threat to human civilization in any situation.

It is the biggest factor in water, air, and currency pollution. Most of it is produced in small-scale industries where quality norms are not followed.

For mankind, the ozone layer in our atmosphere increases, but air pollution is contaminating the ozone layer so much that in the future, the temperature of the earth will increase.

### **Why is plastic waste a threat to the environment-**

Plastic waste has become a serious issue to our environment. According to the Central Pollution Control Board, most of the plastic waste in the country comes from bottles.

The process of recycling also increases pollution. Recycled or coloured plastic bags contain chemicals that seep into the ground and can poison soil and groundwater.

Health experts have said that plastic is not originally harmful, but plastic bags are made by mixing many harmful dyes, dyes, and all kinds of other inorganic chemicals.

### **Why has the use of plastic increased?**

Compared to glass bottles, plastic bottles are more affordable to carry. And there is also convenience in carrying and bringing plastic bottles easily.

While a difficulty arises in transporting glass bottles, the weight of glass bottles remains high. If seen carrying these heavy glass bottles, 40 percent more fuel is spent. On burning these, it is five times more polluted than plastic bottles.

So researchers have done this research that it is less expensive and easy to carry as compared to glass bottles. Therefore, their use has also increased.

### **How to create awareness among students**

To have a special program regarding plastic waste and its complications.

Special incentives are to be given to the groups for clearing out plastic waste and spreading awareness.

To understand and make others understand what will be the consequences of plastic waste in our environment as well as to our health.

### **What should be done to control this-**

Plastic waste is not a natural component, but a man-made substance here, and the measures to prevent it depend on the highest standards.

Only when the human has been fully aware, only then can it come under control.

The consumption of single-use plastics, such as multi-layer packaging, bread bags, food wrap, and protective packaging, will have to be reduced.