

Ary
20/8

PLASTIC FREE WORLD

Earth is considered as the only planet for the life to exist in the whole universe. It gives us everything like air, water, land, plants and sky for the healthy survival of the life. We cannot live here in the absence of these basic components. In the modern age of technological advancement, pollution and the

usage of plastic has become a serious environmental issue affecting the lives on earth. We are polluting the earth undoubtedly affecting the whole universe (environment) and ecosystem thus the quality of life. Our beautiful environment on earth is deteriorating day by day just by the foolish habits of the human beings.

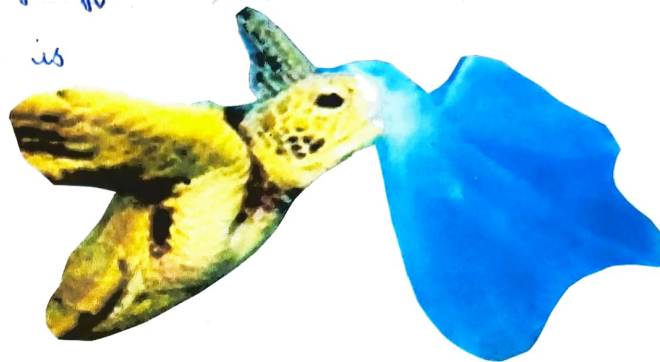
In the name of development, man has changed his life style and is leading a comfortable life. He introduced many machines, electronic devices and robots to make our work easy. But the introduction of these things caused a hazard to the existence of human life. Among these, one of them is plastic. It is a wonder material used for everything. In that name of development, plastic has affected the health of human beings, aquatic animals and all living species very badly.

Plastic perhaps, the most harmful of trash dumped by mariners and sea-goes in sea because it does not readily break down in nature. Just as a coin has two faces, the usage of plastic also have some advantages. Plastics are used because they are easy and cheap to make and they can last a long time. Unfortunately these useful qualities make plastic a huge pollution problem. Nearly, one third of the plastic packaging used escapes collecting

systems, which means that it ends up clogging the drains.

A plastic bag can also clog on outboard engine's cooling systems. Careless disposal of plastic can have dire consequences.

A plastic bag looks like a tasty jellyfish to an indiscriminate feeder like the sea turtle, but plastic is indigestible. It can block the intestines or cause infections in those animals that consume it.



Everyday more and more plastic is accumulated in our oceans. Plastics also enter the marine environment from sewage outfalls, merchant shipping, commercial fishing operations and beachgoers. Now-a-days the most popular plastic pollution is caused due to polyvinyl chloride (P.V.C). When any food material is stored in plastic containers then gradually the soluble chemical gets dissolved in them causing death due to cancer and other skin diseases. When polyvinyl chloride is mixed with water, it causes paralysis and also damages bones.

Plastic thrown on land can enter the drainage lines and choke them resulting into floods in local areas as experienced in Mumbai, India in 1998. It was claimed in one of the programmes on television channel that eating plastic bags results in death of 100 cattle per day in U.P in India.



KILLS ANIMALS

A recent study of monkeys on South Africa's remote Marine Island showed that 90% of monkeys examined had plastic in their stomachs apparently fed to them accidentally by their parents.

Tons of plastic collected from residential as well as market complexes in Thane and Dombivli areas by NGO Ujwa is being sent to Pune-based plant Rudra Environment Solution (India) Limited to make poly fuel.



Today plastic is used to make, or wrap around, many of the items we buy or use. The problem arises when we no longer want these items and throwaway them. It is a problem which has to be overcome as soon as possible. Many of the steps include like bringing our own shopping bags to the supermarket. Also avoid buying packaged drinking water. Refuse plastic cutlery.

It would be fantastic,
If we stopped using plastic.

Turtles would no longer gag,

On a supermarket's bag,

Less chemicals in the sea,

Would be healthier for you and me.

We can choose from today,

Things wrapped the right way.

When we see a container,

Using it again is safer.

Take care what you throw away,

Most will be here to stay.

So all of us should join hand-in-hand to reduce the usage of plastic and make our living happier and healthier. All these poems and sayings should not remain on walls as photo frames but has to be followed in our practical life.

PLASTIC FREE WORLD

D. Vaishnavi
ECE-B 76

In the last decade, plastic has affected the health and life of human beings very badly. Some incidents that have attracted the attention of the whole world and put a question mark about the use of plastic in daily life. Plastic, the wonder material that we use for everything and which pollutes our environment, is perhaps the most harmful of trash dumped by mariners and seagoers in sea because it does not readily breakdown in nature. In-fact, the plastic that goes over the side today may still be around in hundreds of years to foul up the fishing gear, boat propellers, and beaches of future generations.

Careless disposal of plastic can have dire consequences. A plastic bag looks like a tasty jellyfish to an indiscriminate feeder like the sea turtle, but plastic is indigestible. It can choke, block the intestines of, or cause infection in those animals that consume it. Everyday, more and more plastic is accumulating in our oceans. Recreational boaters are not only group that improperly disposes off plastic refuse at sea. Plastic also enter the marine environment from sewage outfalls, merchant shipping, commercial fishing operations and leachgoers.

In the middle age, it is very flexible and can be given any shape depending on temperature and pressure. In practices, urea, formaldehyde, poly ethylene, polystyrene, polycithylchloride, phenolic compounds and other substances are used in the preparation of plastics pollution. Nowadays the most popular plastic pollution is caused by polyvinyl chloride (P.V.C). When any food material or blood is stored in the said plastic containers then gradually the soluble chemical gets dissolved in them causing death due to cancer.

and other skin diseases.

P.V.C has also been found to destroy the fertility of the animals and their respiratory systems. When mixed with water, it causes paralysis and also damages bones and causes irritation to the skin. Recently U.S.A has banned the use of P.V.C plastic in space apparatus and in food containers (as chemicals get dissolved in the food). India should immediately ban the use of P.V.C in water pipes, food & medicine containers to save the lives of millions who are already suffering from different types of ailments.

Plastics are used because these are easy and cheap to make and they can last a long time. Unfortunately these very useful qualities make plastic a huge pollution problem. Because the plastic is cheap it gets discarded easily and its persistence in the environment can do great harm. Urbanisation has added to the plastic pollution in concentrated form in cities.

This plastic can affect marine wildlife in two important ways by entangling creatures and by being swallowed. Turtles are particularly badly affected by plastic pollution, and all seven of the world's turtle species are either endangered or threatened for a number of reasons. Turtles get entangled in fishing nets, and many sea turtles have been found dead with plastic bags in their stomachs.

Plastic bags and bottles, like all forms of plastic, create significant environmental and economic burden. They consume growing amount of energy and other natural resources, degrading the environment in a number of ways. In addition to using up fossil fuels and other resources, plastic products create litter, hurt marine life, and threaten the basis of life on earth. Here are some steps that we

can take to reverse the tide of toxic, non-biodegradable pollution so that it may not overtake our planet.

1. Put & produce in paper, canvas and other healthy-fiber bags.
2. Use wax paper bags, cloth napkins or re-useable sandwich boxes.
3. Use only glass bottles or cans.
4. Conscious consumption is not only good for the earth, it's good for us. "Mindfulness, says Thich Nhat Hanh, "is the miracle by which we master and restore ourselves."
5. Support recycling schemes and promote support for one in our local area.
6. Practice and promote proper disposal of plastics in your home and at the beach. Always remember that litter generates litter. Never dispose off in the sewage system.
7. In the street never throw plastic or other litter out of your car and do not drop it on the pavement or in the gutter.

Therefore set an example for others and encourage them to help. Plastics are not themselves a problem.

They are useful and popular materials which can be produced with relatively little damage to the environment.

The problem is the excessive use of plastics in one-off applications together with careless disposal.



Aug
2018

B. Youtami
ECE-B
Roll No. :- 062
SHEET No. _____

PLASTIC FREE WORLD

INTRODUCTION TO PLASTIC POLLUTION :-

Plastic, the wonder material that we use for everything and which pollutes our environment, is perhaps the most harmful of trash dumped by mariners and sea-goers in sea because it does not readily break down in nature. In-fact, the plastic that goes over the side today may be still around in hundreds of years to foul up the fishing gear and boat propellers.

Careless disposal of plastic can have direct consequences. A plastic bag looks like a tasty jelly-fish to an indiscriminate feeder like the sea turtle, but plastic is indigestible. It can choke, block the intestines of, or cause infection in those animals that consume it.

Nowadays the most popular plastic pollution is caused by PVC. When any food material is stored in the plastic containers then the chemical gets dissolved in them causing death.

CAUSES OF PLASTIC POLLUTION:-

Plastics are used because these are easy and cheap to make and they last for a long time. Unfortunately these very useful qualities make plastic a huge pollution problem.

Plastic thrown on land can enter the drainage lines and choke them resulting into floods in local areas in cities. It was claimed in one TV channel that eating plastic bags results in death of 100 cattle per day in U.P. In stomach of one dead cow, as much as 35 kg of plastic was found.

7 REASONS TO SAY NO TO PLASTIC BAGS:-

1. Depletion of natural resources
2. Environmental Hazards
3. Less than 1% plastic bags are recycled.
4. Danger to our Animal and Marine life
5. Child safety
6. Plastic gets back into our food chain
7. Plastic bags clog drains and result in flooding.



TIPS TO AVOID THE USE OF PLASTICS:-

- * Try to make the items by hand. If you buy very few items, do not use the bag and carry them in your hands.
- * Ask for the purchases not to be double-bagged and persuade the sales clerk to place extra items into every bag.
- * Throw a few string bags or canvas in your purse or car. When shopping, use them instead of plastic bags.
- * Items such as milk and cat litter usually come in containers with built in handles. Use those to transport the purchase instead of resorting to plastic bags.

CONTROL OF PLASTIC POLLUTION:- Plastic bags and bottles, like all forms of plastic, create significant environmental and economic burden. They consume growing amount of energy and other natural resources, degrading the environment in a number of ways.

WORLD ENVIRONMENT DAY 2018 :- FOR A PLASTIC FREE FUTURE

The theme for World Environment Day 2018 is "Beat Plastic Pollution", and it is a call for citizens to come together and combat one of the great environmental challenges.

So, there is an urgent need to change the world into a plastic free world. For individuals, it comes down to the basics, the 3R's:- Reduce, Reuse, Recycle. We also need to educate others about the problems with wasteful plastic, by passing on research, tips & information like this article:- Giant Pacific Trash Dump is bad - but you can make it better.

So,

“Go green, no plastic
Everything is fantastic.”