

NOVEMBER ECO-CLUB REPORT

Institute of vocational studies ECO-CLUB conducted an online **Red Light On Gaadi Off Campaign** to create awareness among the students. The program started with the speech of

Institute of vocational studies Principal Dr. Mandira Gupta. In this campaign, students were discussed about air pollution and ways to reduce air pollution were told as well as the students were asked to stop the vehicle at the red light to reduce the Pollution. All the students were encouraged to spread awareness in the society.

In making this program completely successful, full credit goes to IVS Principal Dr. Mandira Gupta and all the students, teachers, Eco-Club in-charge Ms. Nahid Raees with whose help this program was successful.

Introduction

Air Pollution refers to the introduction of unwanted and hazardous substances into the environmental air; thereby, making the air unhealthy to breathe. These pollutants could be in the form of gases or very fine solid particles.

Air Pollution Effects

There are several effects of air pollution on the environment. Some of these prominent effects are listed below.

- **Smog**

Smog is a term used to refer to the combined state of smoke and fog. It is a common occurrence in cities with heavy vehicular traffic, during winter months. Thick smoke emanated from the vehicles gets mixed with already existing fog, to give a dense mixture called smog. It has a tendency to persist in the atmosphere for days. Smog is also very harmful to health and causes respiratory ailments in humans.

- **Greenhouse Effect**

Greenhouse effect is caused by the greenhouse gasses produced mainly by the combustion of fossil fuel. Some greenhouse gasses like Carbon dioxide (CO₂) and Sulphur dioxide (SO₂), etc, form a kind of blanket over the earth's atmosphere, preventing the surface heat from escaping. This automatically results in heating up of the earth's surface, termed 'Global Warming'.

How severe the effects of air pollution may be, there is always a solution to deal with the problem right where it is generated. That is, air pollution should be controlled by effectively preventing the production of potential pollutants due to anthropogenic or human activities. Reducing the use of fossil fuel, saving electricity, managing waste are some of the noble steps that could be taken to prevent air pollution.

As 'Charity begins from home'; the effort to prevent air pollution can also be initiated from home. The methods to prevent air pollution are listed below.

- **Red Light On Gaadi off**

Transport industry is a major contributor to air pollution. Many metropolitan cities around the world have to face emergency-like situations, due to a large number of transport vehicles oozing out tons of gasses from the exhaust.

- **Use Electric Vehicles**

Always use an electric car or vehicle to commute .It can prevent air pollution. Electric vehicles are very convenient also.

- **Save Energy**

Energy conservation is the least you can do to clean the air surrounding you. When you switch off an unnecessary bulb or other electric equipment, you contribute to lowering down the demand for electricity. With reduced demand, the electricity production units will naturally decrease their fossil fuel consumption, thereby, making the air cleaner.

- **Use Public Transport or Car Pooling**

Transport industry is a major contributor to air pollution. Many metropolitan cities around the world have to face emergency-like situations, due to a large number of transport vehicles oozing out tons of gasses from the exhaust. If you chose to take public transport, you would not be only easing out the roads but also making the air cleaner.

- **Reduce the Burning of Wood**

You might be burning wood or other fuels in your house for heating water, cooking food or other purposes. This domestic burning of fossil fuel emits harmful toxic gasses directly into the atmosphere. Avoiding using wood, coal and other fuel will considerably reduce air pollution.

- **Waste Management**

Proper waste management must be put in force to tackle air pollution. Improper and large-scale dumping of garbage results in small and large landfills, which emit hazardous gasses upon degradation of waste. If the waste is effectively collected from the source and disposed of properly, landfills wouldn't be formed and the air would be cleaner.

- **Keep Your Vehicle Toned**

Vehicles that are poorly maintained emit more quantities of exhaust gasses than the vehicles that are serviced from time to time. It is therefore advisable to service your vehicle from time to time so that it does not pollute the air and degrades the environment.

Conclusion

Air pollution is one of the major issues that the world needs to collectively deal with. Unless the required policy measures are taken to clean the air for ourselves as well as for the future generation, it wouldn't be possible to grow and prosper. Apart from taking policy measures, there is also a need to raise awareness of the general public on the matter of air pollution.



