

GETA Young Scientist

Samsya Khoj Contest

1e (First Edition), 24.04.2024

<i>Result</i>	Contest Winner
<i>Problem Title</i>	Rapidly increasing pollution is a threat to human life
<i>Problem Description</i>	<p>Pollution caused by mankind has increased rapidly to such an extent that it is interfering back in multiple facets of human life.</p> <p>1. Air Pollution: The basic need of human life is breath. This itself is extensively polluted and creating cancerous tissues inside the body. This is the current situation already in New Delhi and the next prone state is Maharashtra. According to statistics, the lung cancer used to occur at 60 years of age. This has now changed to 30 years of age especially in first few cities of highly polluted areas, e.g., Agra, Delhi, Mumbai. The healthy lungs used to be pink in colour. Pink is rarely seen now a days and are changed to black spotted lungs even in non-smokers and only because of air pollution.</p> <p>2. Soil Pollution: Fertility of soil is decreased day by day due to increased pesticides. The food that we eat is not giving us enough vitamins and minerals to combat the viruses. The usage of plastic has increased rapidly and people are disposing them anywhere. Thus soil is losing its minerals and is getting contaminated.</p> <p>3. Food Pollution: The food market came up with packaged foods to compensate the lack of vitamins, but in turn, they are adding unnecessary preservatives. Milk is declared as one such highly contaminated food due to hormonal injections given to cows and buffaloes. This is leading to early puberty in girls.</p> <p>4. Water Pollution: Medicinal waste, plastic waste, industrial waste and human waste are not being treated in a right way using scientific methods, but instead, are being left openly into water. This is polluting river stretches leading to unhygienic drinking water and is leading to diseases like Diarrhea and Typhoid. Contaminated water is also one of the reasons for soil pollution.</p> <p>Water Pollution -> Soil Pollution -> Food Pollution -> Diseases Air Pollution -> Diseases Water Pollution -> Diseases</p> <p>To summarize, pollution is causing the occurrence of diseases in much younger age and are also hampering the basic needs of life.</p>
<i>Affected Audiences</i>	Irrespective of age, all the people including children, youngsters, adults and senior citizens are effected by this problem as it is related to basic human needs of breath and food.
<i>Impact Size</i>	Hundreds and more
<i>Location</i>	Universal
<i>Scope</i>	National

<i>Result</i>	Contest Winner
<i>Place</i>	Universal
<i>Occurrence</i>	Frequently
<i>Life risk involved?</i>	Yes
<i>Financial loss or Saving potential</i>	Lakhs or more
<i>Student</i>	M Pranavi, 6th Class
<i>School</i>	The Lexicon International School, Kalyaninagar, Pune District, Maharashtra
<i>Guide Teacher</i>	M Ratnamanjeera

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