21PC12 & FUNDAMENTALS OF WEB SCRIPTING

POLLUTION

MINI PROJECT REPORT

PRIYA .K

717822P141

**COMPUTER SCIENCE AND ENGINEERING-A**

CONTENTS

ABSTRACT

Environmental pollution is a global issue for both developed and developing economies. These manmade activities influence all the components of the environment.The municipal, industrial waste and agricultural practices, increasingly domestic, which cause wastewater, are primary emerging pollutants nowadays. As air pollution combines the acidic pollutants released into the atmosphere with water vapor, it results in acid rain.The increased nutrient levels in bodies of water are known as eutrophication. It results in algae blooming in the atmosphere. Pollution has always been an issue within our society. Derrick Jenson and Stephanie McMillan as well as Michael Pollan have all written articles about the issues in our environment and the effects of pollution. We are causing an increasing amount of pollution as time goes on. Virtually everything we do causes some form of damage to the environment and it seems that regardless of how much we want to fix this issue we are making no progress towards a solution.

1.   INTRODUCTION

1.1.   Objective

The objective of creating the webpage is to make the pollution free environment. It is user - friendly webpage and Everybody can understand easily the effect of pollution by using this webpage.

2.   REQUIREMENTS SPECIFICATION

2.1.   Requirements

Overall, air pollution is responsible for more deaths than many other risk factors, including malnutrition, alcohol use and physical inactivity. Globally, 93 per cent of all children breathe air that contains higher concentrations of pollutants than the World Health Organization (WHO). Specific means of pollution control might include refuse disposal systems such as sanitary landfills, emission control systems for automobiles, sedimentation tanks in sewerage systems, the electrostatic precipitation of impurities from industrial gas, or the practice of recycling

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3. DETAILED DESIGN

3.1. HTML & CSS PROERTIES USED AND DESCRIPTION

In home page , the basic html tags like html , head , title , body ..etc., has beenused for creating the structure of   the web page. The other tags like anchor , div container tag were used. By using CSS properties , the title of the webpage has been designed. It is styled by using various properties like background-color , border-radius , font-family , margin and padding , ..etc .,

In the next page , the basic html tags like html , head , title , body ..etc., has been used for creating the structure of   the web page. The other tags like anchor , div container tag   were also   used. CSS properties like grid systems , background-color , background – repeat , background-size , margin , padding , border-radius , font-family are used. To display the content big , font-size is used.

In the login page , the basic html tags like html , head , title , body ..etc., has been used for creating the structure of   the web page. The tags like table and form are used for creating the login page and also the anchor tag has used for linking the previous and next pages. The button tag has used . CSS properties like background-image , fieldset , font-family , text-align for aligning the text , float ..etc .,

In the sign in page , the basic html tags like html , head , title , body ..etc., has been used for creating the structure of   the web page. The tags like table and form are used for creating the login page and also the anchor tag has used for linking the previous and next pages. The button tag has used . CSS properties like background-image , fieldset , font-family , text-align for aligning the text , float ..etc .,

In the next page , the basic html tags like html , head , title , body ..etc., has been used for creating the structure of   the web page. The CSS properties like grid system , background-image , margin , padding , fieldset , border , border-radius , float , width has used in this page . Also the div tags , anchor tags are used .

In the first main page , the basic html tags like html , head , title , body ..etc., has

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been used for creating the structure of the web page. The form tags are used to fill the details and also for organising the contents the table tags are used. The

CSS properties like background-color , background-repeat ,size , margin, padding andgrid systems are used.

In the second main page , the basic html tags like html , head , title , body ..etc., has been used for creating the structure of the web page. The form tags are used to fill the details and also for organising the contents the table tags are used. The CSS properties like background-color , background-image , background-repeat ,size , margin, padding and grid systems are used.

In the last page , the basic html tags like html , head , title , body ..etc., has been used for creating the structure of   the web page. The tags like div , anchor tag , h2 tag are used. The CSS properties like margin , grid systems , grid templates , background-color , opacity are used .

4 . PROJECT IMPLEMENTATION

Pollution prevention is reducing or eliminating waste at the source by modifying production processes, promoting the use of non-toxic or less-toxic substances, implementing conservation techniques and re-using materials rather than putting them into the waste stream.

4. CONCLUSION

The way pollution is increasing on our earth, it will take the form of destruction in the coming few years, if some strict rules are not put in place to stop the pollution soon then the whole environment of our earth will be spoiled and our life will be in crisis.

PROJECT CODING

HOME PAGE AND LOGIN PAGE

```html
<html>
<head>
 <title>pollution project</title>
  <style>

 body {
   font-family: Arial, sans-serif;
  background-image:url("background\ 3.png");
  background-size: cover;
  }
  .container {
   max-width: 400px;
   margin: 0 auto;
   padding: 20px;
   background-color: #fff;
   border-radius: 5px;
   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
   background-image:url("https://www.innovationnewsnetwork.com/wp-
content/uploads/2022/09/iStock%D0%9C%D0%B0%D0%BA%D1%81%D0%B8%D0%BC-
%D0%A8%D0%BC%D0%B0%D0%BA%D0%BE%D0%B2-1141520118-696x392.jpg");
   background-size: cover;
  }
  h1 {
   color:#ccc;
  }




  h2 {
   text-align: center;
   text-decoration-color: blue;
   font-family: blackadder Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;
   font-size: 50px;
   }
  .form-group {
   margin-bottom: 20px;
   color:white;
  }

.form-group label {
```

```css
      display: block;
      font-weight: bold;
      margin-bottom: 5px;
    }

form-group input {
    width: 100%;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 3px;
    }
   .form-group button {
    width: 100%;
    padding: 10px;
    background-color: #4CAF50;
    color: #fff;
    border: none;
    border-radius: 3px;
    cursor: pointer;
    }
   .form-color{
      color: blue;
      cursor: pointer;
    }
   .logo{
        float: right;
    }


 .border-link{
 border-top:white;
 text-decoration: none;
 }
 img{
border-radius: 50px;
width: 25px;
 }
 </style>
</head>
<body>

  <div class="container">
   <div class="logo">
    <img src="background 2.jpg" width="300px" radius="200px" style="border-radius:
100px;"></div><br>


  <i><h1><u><center> Pollution</center></u></h1></i>
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```

```html
    <form>
     <div class="form-group">
      <label for="username">Username:</label>
      <input type="text" id="username" name="username" required>
     </div>
     <div class="form-group">
      <label for="password">Password:</label>
      <input type="password" id="password" name="password" required></a>
     </div>

<div class="form-color">forgot password</div>
     <div class="form-group">
      <a href="priya.html">
   <button type="login">Login</button></a><br><p><center>or </center></p>
   <div class="form-color"><center>sign up using</center></div>
   <center>
   <img src="twit.png">
   <img src="g.png">
   <img src="f.png">
   </center>
  </div>
   </form>
  </div>

</body>
</html>
```

ABOUT POLLUTION

```html
<!DOCTYPE html>

<html>

<head>
   <title> pollution
   </title>
</head>
<style>
   h1{
      color:slateblue;
   }

</style>

<body bgcolor="green"><center>

   <nav class="navbar background">
      <ul class="nav-list">
         <div class="logo">
            <img src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcQHJoBpmdDlqP3Kc8O6y9K214jGsrGd0O71Zw&usqp=CAU
">
         </div>

         <a href="#pollution"><i>Pollution</i></a>

      </ul>

      <div class="rightNav">
         <input type="text" name="search" id="search">
         <button class="btn btn-sm">Search</button>
      </div>
   </nav>

   <section class="firstsection">
      <div class="box-main">
         <div class="firstHalf">
            <h1 class="text-big" id="web">
               <u>POLLUTION:</u>
            </h1>


<p class="text-small">
```

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Pollution is the introduction of contaminants into the natural environment that cause adverse change. Pollution can take the form of any substance or energy. Pollutants, the components of pollution, can be either foreign substances/energies or naturally occurring contaminants.

```
<br><br><br>
          </div>
      </div>
  </section>

  <section class="section">
    <div class="paras">
      <h1 class="sectionTag text-big"><u>Types of Pollution :</u></h1>
      <p class="sectionSubTag text-small">

      These are further classified into the following types of pollution:
                <a href="https://www.who.int/health-topics/air-pollution#tab=tab_1"> Air
Pollution.</a>
                <a href="https://en.wikipedia.org/wiki/Water_pollution">Water Pollution.</a>
                <a href="https://www.conserve-energy-future.com/causes-and-effects-of-soil-
pollution.php">Soil Pollution.</a>
                <a href="https://www.britannica.com/science/noise-pollution">Noise Pollution.</a>
      </p>
    </p>
    </div>


    </div>

    <div class="thumbnail">

    </div>
  </section>
  <a href ="file:///C:/Users/priya/Downloads/project%20file/priya2.html"><center><table
border="1"><tr><td bgcolor="lightgreen">Register</td></tr></a>

  </center>
</body>

</html>
```

AIR POLLUTION

```html
<html>
 <head>
  <title>Air pollution in New Delhi</title>
 </head>
 <body>

  <h1>Air pollution in New Delhi</h1>

   <p>Air pollution occurs when harmful substances including particulates and biological molecules are introduced into Earth's atmosphere. It may cause diseases, allergies or death of humans; it may also cause harm to other living organisms such as animals and food crops, and may damage the natural or built environment. Human activity and natural processes can both generate air pollution.</p>

<p>Indoor air pollution and poor urban air quality are listed as two of the world's worst toxic pollution problems in the 2008 Blacksmith Institute World's Worst Polluted Places report. According to the 2014 World Health Organization report, air pollution in 2012 caused the deaths of around 7 million people worldwide</p>

  <div class="mySlides fade">
 <div class="numbertext">1 / 3</div>
 <img class="center" src="air pollution image.jpg" style="height:505px" align="middle">
 <div class="text">Vehicles emmiting harmful Carbon Monooxide, a major air pollutant</div>
</div>

<div class="mySlides fade">
 <div class="numbertext">2 / 3</div>
 <img class="center" src="air2.jpg" style="height:505px" align="middle">
 <div class="text">Poisonous smoke containing oxides of nitrogen and sulphur being given out by an industrial chimney</div>
</div>

<div class="mySlides fade">
 <div class="numbertext">3 / 3</div>
 <img class="center" src="air3.jpg" style="height:505px" align="middle">
 <div class="text">People protecting themselves from smoke with masks during the Delhi smog</div>
</div>

</div>
<br>


<div style="text-align:center">
 <span class="dot"></span>
 <span class="dot"></span>
 <span class="dot"></span>
</div>
```

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```
    <hr>
    <div class="index">


Contents:
    <ul>
      <li><a class="links" href="#coap">Causes of air polution</a></li>
      <li><a class="links" href="#apldtdf">Air pollution levels due to different factors</a></li>
      <li><a class="links" href="#eoap">Effects of air pollution</a></li>
      <li><a class="links" href="#sind">Smog in New Delhi</a></li>
      <li><a class="links" href="#strap">Solutions to reduce air pollution</a></li>
    </ul>
    </div>
    <hr>

    <a name="coap"><h2>Causes of air polution</h2></a>
    <ol>

    <h3><li>Burning of Fossil Fuels:</h3>
    <p>Sulfur dioxide emitted from the combustion of fossil fuels like coal, petroleum and other factory
combustibles is one the major cause of air pollution. Pollution emitting from vehicles including trucks,
jeeps, cars, trains, airplanes cause immense amount of pollution. Carbon Monooxide caused by
improper or incomplete combustion and generally emitted from vehicles is a major pollutant along with
Nitrogen Oxides, that is produced from both natural and man made processes.</p></li>

    <h3><li>Agricultural activities:</h3>
    <p>Ammonia is a very common by product from agriculture related activities and is one of the most
hazardous gases in the atmosphere. Use of insecticides, pesticides and fertilizers in agricultural activities
has grown quite a lot. They emit harmful chemicals into the air and can also cause water
pollution.</p></li>

    <h3><li>Exhaust from factories and industries:</h3>
    <p>Manufacturing industries release large amount of carbon monoxide, hydrocarbons, organic
compounds, and chemicals into the air thereby depleting the quality of air. Manufacturing industries can
be found at every corner of the earth and there is no area that has not been affected by it. Petroleum
refineries also release hydrocarbons and various other chemicals that pollute the air and also cause land
pollution.</p></li>


    <h3><li>Mining Operations:</h3>
    <p>Mining is a process wherein minerals below the earth are extracted using large equipments.
During the process dust and chemicals are released in the air causing massive air pollution. This is one
of the reason which is responsible for the deteriorating health conditions of workers and nearby
residents.</p></li>

smog</td>
    <td>13%</td>     <h3><li>Indoor air pollution:</h3>
```

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```html
    <p>Household cleaning products, painting supplies emit toxic chemicals in the air and cause air
pollution. Have you ever noticed that once you paint walls of your house, it creates some sort of smell
which makes it literally impossible for you to breathe.</p></li>
   </ol>

<hr>

   <a name="apldtdf"><h2>Air pollution levels due to different factors</h2></a>




<table>
  <tr>
   <th>Factors</th>
   <th>Examples</th>
   <th>Percentage</th>
  </tr>
  <tr>
   <td>Domestic</td>
   <td>Smoke given out during cooking</td>
   <td>6%</td>
  </tr>
  <tr>
   <td>Industry</td>
   <td>Poisonous oxides of sulphur and nitrogen</td>
   <td>37%</td>
  </tr>
  <tr>
   <td>Vehicles</td>
   <td>Exhaust</td>
   <td>25%</td>
  </tr>
  <tr>
   <td>Open Burn</td>
   <td>Burning of wastes in a landfill</td>
   <td>10%</td>
  </tr>
  <tr>
   <td>Construction</td>

   <td>PM10 (Particulate matter with diameter less than 10 microns)</td>
   <td>9%</td>
  </tr>
  <tr>
   <td>Road Dust</td>
   <td>Dust flying from the road which causes
  </tr>
</table>
```

<hr>

  <h2>Effects of air pollution</h2>

  <h3>
Respiratory and heart problems:</h3>
  <p>The effects of Air pollution are alarming. They are known to create several respiratory and heart conditions along with Cancer, among other threats to the body. Several millions are known to have died due to direct or indirect effects of Air pollution. Children in areas exposed to air pollutants are said to commonly suffer from pneumonia and asthma.</p>

<h3> Global warming:</h3>

<p>Another direct effect is the immediate alterations that the world is witnessing due to Global warming. With increased temperatures world wide, increase in sea levels and melting of ice from colder regions and icebergs, displacement and loss of habitat have already signaled an impending disaster if actions for preservation and normalization aren't undertaken soon.</p>

<h3>
Acid Rain:</h3>
  <p> Harmful gases like nitrogen oxides and sulfur oxides are released into the atmosphere during the burning of fossil fuels. When it rains, the water droplets combines with these air pollutants, becomes acidic and then falls on the ground in the form of acid rain. Acid rain can cause great damage to human, animals and crops.</p>

<h3>
Eutrophication:</h3>
  <p> Eutrophication is a condition where high amount of nitrogen present in some pollutants gets developed on sea's surface and turns itself into algae and and adversely affect fish, plants and animal species. The green colored algae that is present on lakes and ponds is due to presence of this chemical only.This is also known as Algal Bloom</p>

<h3>
Effect on Wildlife:</h3>
  <p>Just like humans, animals also face some devastating affects of air pollution. Toxic chemicals present in the air can force wildlife species to move to new place and change their habitat. The toxic pollutants deposit over the surface of the water and can also affect sea animals.</p>

<h3>
Depletion of Ozone Layer:</h3>
  <p>Ozone exists in earth's stratosphere and is responsible for protecting humans from harmful ultraviolet (UV) rays. Earth's ozone layer is depleting due to the presence of chlorofluorocarbons, hydro chlorofluorocarbons in the atmosphere. As ozone layer will go thin, it will emit harmful rays back on earth and can cause skin and eye related problems. UV rays also have the capability to affect crops.</p>

<hr>

<h2>Smog in New Delhi</h2>

\<h3\>What is Smog?\</h3\>
\<p\>Smog is fog or haze intensified by smoke or other atmospheric pollutants. Smog in Delhi is an ongoing severe air-pollution event in New Delhi and adjoining areas in the National Capital Territory of India. Air pollution at this time peaked on both PM 2.5 and PM 10 levels. It has been reported as one of the worst levels of air quality in Delhi since 1999.\</p\>

\<h3\>Incidents:\</h3\>
\<ul\>
\<li\>On 8 Nov 2017 low visibility has resulted in accidents across the city, notably a 24 vehicle pile-up on the Yamuna Expressway.\</li\>
\<li\>During the second day of third test of Sri Lankan cricket team in India in 2017-18 at Delhi, smog forced Sri Lanka cricketers to stop play and wear anti-pollution masks. Cricketer Lahiru Gamage reported to have shortness of breath. Nic Pothas, coach of Sri Lankan cricket team, reported that cricketer Suranga Lakmal had vomited regularly due to severe pollution effect on the Delhi ground. There was a haltage of play between 12:32 pm to 12:49 pm.\</li\>
\</ul\>

\<hr\>

   \<a name="strap"\>\<h2\>Solutions to reduce air pollution\</h2\>\</a\>
   \<ol\>
    \<h3\>\<li\>Use public mode of transportation:\</h3\>
    \<p\>Encourage people to use more and more public modes of transportation to reduce pollution. Also, try to make use of car pooling. If you and your colleagues come from the same locality and have same timings you can explore this option to save energy and money.\</p\>\</li\>
    \<h3\>\<li\>Conserve energy:\</h3\>
    \<p\>Switch off fans and lights when you are going out. Large amount of fossil fuels are burnt to produce electricity. You can save the environment from degradation by reducing the amount of fossil fuels to be burned.\</p\>\</li\>

 \<h3\>\<li\>Understand the concept of Reduce, Reuse and Recycle:\</h3\>
    \<p\>Do not throw away items that are of no use to you. In-fact reuse them for some

 other purpose. For e.g. you can use old jars to store cereals or pulses.\</p\>\</li\>
    \<h3\>\<li\>Emphasis on clean energy resources:\</h3\>
    \<p\>Clean energy technologies like solar, wind and geothermal are on high these days. Governments of various countries have been providing grants to consumers who are interested in installing solar panels for their home. This will go a long way to curb air pollution.\</p\>\</li\>
    \<h3\>\<li\>Use energy efficient devices:\</h3\>
    \<p\>CFL lights consume less electricity as against their counterparts. They live longer, consume less electricity, lower electricity bills and also help you to reduce pollution by consuming less energy.There is a rise in the series of innovations and experiments aimed at alternate and unconventional options to reduce pollutants.\</p\>\</li\>
    \</ol\>

\<div class="footer"\>
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FEEDBACK FORM

```html
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
 {
 box-sizing: border-box;
}

input[type=text], select, textarea {
 width: 100%;
 padding: 12px;
 border: 1px solid rgb(70, 68, 68);
 border-radius: 4px;
 resize: vertical;
}
input[type=email], select, textarea {
 width: 100%;
 padding: 12px;
 border: 1px solid rgb(70, 68, 68);
 border-radius: 4px;
 resize: vertical;
}

label {
 padding: 12px 12px 12px 0;
 display: inline-block;
}

input[type=submit] {
 background-color: rgb(37, 116, 161);
 color: white;
 padding: 12px 20px;
 border: none;
 border-radius: 4px;
 cursor: pointer;
 float: right;
}

input[type=submit]:hover {
 background-color: #45a049;
}

.container {
 border-radius: 5px;
 background-color: #f2f2f2;
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```

```css
  padding: 20px;
}


.col-25 {
 float: left;
 width: 25%;
 margin-top: 6px;
}

.col-75 {
 float: left;
 width: 75%;
 margin-top: 6px;
}

.row:after {
 content: "";
 display: table;
 clear: both;
}
h2{
   color: #45a049;
}
</style>
</head>
<body>
<h2><center>FEED BACK FORM</center></h2>
<div class="container">
 <form>
  <div class="row">
   <div class="col-25">
    <label for="fname">First Name</label>
   </div>
   <div class="col-75">
    <input type="text" id="fname" name="firstname" placeholder="Your name..">
   </div>
  </div>
  <div class="row">
   <div class="col-25">



 <label for="lname">Last Name</label>
   </div>
   <div class="col-75">
    <input type="text" id="lname" name="lastname" placeholder="Your last name.</div>
```
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```html
    </div>
    <div class="row">
      <div class="col-25">
        <label for="email">Mail Id</label>


</div>        <div class="col-75">
         <input type="email" id="email" name="mailid" placeholder="Your mail id..">
        </div>
      </div>



  <div class="row">
    <div class="col-25">

      <label for="country">Country</label>
    </div>
    <div class="col-75">
      <select id="country" name="country">
        <option value="none">Select Country</option>
       <option value="australia">Australia</option>
       <option value="canada">Canada</option>
       <option value="usa">USA</option>
       <option value="russia">Russia</option>
       <option value="japan">Japan</option>
       <option value="india">India</option>
       <option value="china">China</option>
      </select>
    </div>
  </div>
  <div class="row">
   <div class="col-25">
    <label for="feed_back">Feed Back</label>
   </div>
   <div class="col-75">
    <textarea id="subject" name="subject" placeholder="Write something.."
style="height:200px"></textarea>

</div>
  </div>
  <div class="row">
   <input type="submit" value="Submit">
  </div>
 </form>
</div>

</body>   </html>
```

LiFE:

"LiFE Inspires everyone to take initiatives that can be done to protect the Environment in Daily life."

onment

Pollution

Username:
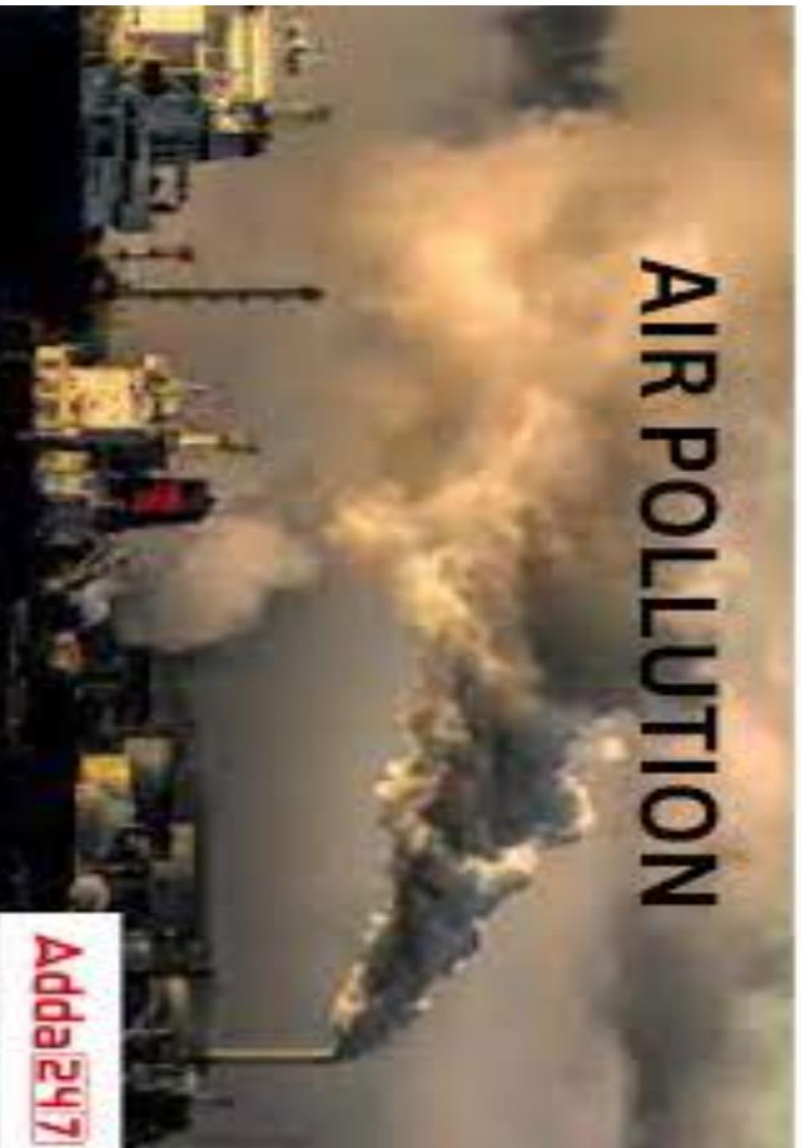
Password:

forgot password

Login

or

sign up using

Air pollution in New Delhi

Air pollution occurs when harmful substances including particulates and biological molecules are introduced into Earth's atmosphere. It may cause diseases, allergies or death of humans; it may also cause harm to other living organisms such as animals and food crops, and may damage the natural or built environment. Human activity and natural processes can both generate air pollution.

Indoor air pollution and poor urban air quality are listed as two of the world's worst toxic pollution problems in the 2008 Blacksmith Institute World's Worst Polluted Places report. According to the 2014 World Health Organization report, air pollution in 2012 caused the deaths of around 7 million people worldwide

AIR POLLUTION

Adda247

Vehicles emmiting harmful Carbon Monooxide, a major air pollutant

Poisonous smoke containing oxides of nitrogen and sulphur being given out by an industrial chimney

People protecting themselves from smoke with masks during the Delhi smog

Contents:

- Causes of air pollution
- Air pollution levels due to different factors
- Effects of air pollution
- Smog in New Delhi
- Solutions to reduce air pollution

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Solutions to reduce air pollution

1. Use public mode of transportation:

Encourage people to use more and more public modes of transportation to reduce pollution. Also, try to make use of car pooling. If you and your colleagues come from the same locality and have same timings you can explore this option to save energy and money.

2. Conserve energy:

Switch off fans and lights when you are going out. Large amount of fossil fuels are burnt to produce electricity. You can save the environment from degradation by reducing the amount of fossil fuels to be burned.

3. Understand the concept of Reduce, Reuse and Recycle:

Do not throw away items that are of no use to you. In-fact reuse them for some other purpose. For e.g. you can use old jars to store cereals or pulses.

4. Emphasis on clean energy resources:

Clean energy technologies like solar, wind and geothermal are on high these days. Governments of various countries have been providing grants to consumers who are interested in installing solar panels for their home. This will go a long way to curb air pollution.

5. Use energy efficient devices:

CFL lights consume less electricity as against their counterparts. They live longer, consume less electricity, lower electricity bills and also help you to reduce pollution by consuming less energy. There is a rise in the series of innovations and experiments aimed at alternate and unconventional options to reduce pollutants.

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Causes of air polution

1. Burning of Fossil Fuels:

Sulfur dioxide emitted from the combustion of fossil fuels like coal, petroleum and other factory combustibles is one the major cause of air pollution. Pollution emitting from vehicles including trucks, jeeps, cars, trains, airplanes cause immense amount of pollution. Carbon Monooxide caused by improper or incomplete combustion and generally emitted from vehicles is a major pollutant along with Nitrogen Oxides, that is produced from both natural and man made processes.

2. Agricultural activities:

Ammonia is a very common by product from agriculture related activities and is one of the most hazardous gases in the atmosphere. Use of insecticides, pesticides and fertilizers in agricultural activities has grown quite a lot. They emit harmful chemicals into the air and can also cause water pollution.

3. Exhaust from factories and industries:

Manufacturing industries release large amount of carbon monoxide, hydrocarbons, organic compounds, and chemicals into the air thereby depleting the quality of air. Manufacturing industries can be found at every corner of the earth and there is no area that has not been affected by it. Petroleum refineries also release hydrocarbons and various other chemicals that pollute the air and also cause land pollution.

4. Mining Operations:

Mining is a process wherein minerals below the earth are extracted using large equipments. During the process dust and chemicals are released in the air causing massive air pollution. This is one of the reason which is responsible for the deteriorating health conditions of workers and nearby residents.

5. Indoor air pollution:

Household cleaning products, painting supplies emit toxic chemicals in the air and cause air pollution. Have you ever noticed that once you paint walls of your house, it creates some sort of smell which makes it literally impossible for you to breathe.

Air pollution levels due to different factors

Factors	Examples	Percentage
Domestic	Smoke given out during cooking	6%
Industry	Poisonous oxides of sulphur and nitrogen	37%
Vehicles	Exhaust	25%
Open Burn	Burning of wastes in a landfill	10%
Construction	PM10 (Particulate matter with diameter less than 10 microns)	9%
Road Dust	Dust flying from the road which causes smog	13%

Effects of air pollution

1. Respiratory and heart problems:

The effects of Air pollution are alarming. They are known to create several respiratory and heart conditions along with Cancer, among other threats to the body. Several millions are known to have died due to direct or indirect effects of Air pollution. Children in areas exposed to air pollutants are said to commonly suffer from pneumonia and asthma.

2. Global warming:

Another direct effect is the immediate alterations that the world is witnessing due to Global warming. With increased temperatures world wide, increase in sea levels and melting of ice from colder regions and icebergs, displacement and loss of habitat have already signaled an impending disaster if actions for preservation and normalization aren't undertaken soon.

3. Acid Rain:

Harmful gases like nitrogen oxides and sulfur oxides are released into the atmosphere during the burning of fossil fuels. When it rains, the water droplets combines with these air pollutants, becomes acidic and then falls on the ground in the form of acid rain. Acid rain can cause great damage to human, animals and crops.

4. Eutrophication:

Eutrophication is a condition where high amount of nitrogen present in some pollutants gets developed on sea's surface and turns itself into algae and adversely affect fish, plants and animal species. The green colored algae that is present on lakes and ponds is due to presence of this chemical only.This is also known as Algal Bloom

From Wikipedia, the free encyclopedia

Water pollution (or **aquatic pollution**) is the contamination of water bodies, usually as a result of human activities, so that it negatively affects its uses.[1]:6 Water bodies include lakes, rivers, oceans, aquifers, reservoirs and groundwater. Water pollution results when contaminants mix with these water bodies. Contaminants can come from one of four main sources: sewage discharges, industrial activities, agricultural activities, and urban runoff including stormwater.[2] Water pollution is either surface water pollution or groundwater pollution. This form of pollution can lead to many problems, such as the degradation of aquatic ecosystems or spreading water-borne diseases when people use polluted water for drinking or irrigation.[3] Another problem is that water pollution reduces the ecosystem services (such as providing drinking water) that the water resource would otherwise provide.

Sources of water pollution are either point sources or non-point sources. Point sources have one identifiable cause, such as a storm drain, a wastewater treatment plant or an oil spill. Non-point sources are more diffuse, such as agricultural runoff.[4] Pollution is the result of the cumulative effect over time. Pollution may take the form of toxic substances (e.g., oil, metals, plastics, pesticides, persistent organic pollutants, industrial waste products), stressful conditions (e.g., changes of pH, hypoxia or anoxia, increased temperatures, excessive turbidity, changes of salinity), or the introduction of pathogenic organisms. Contaminants may include organic and inorganic substances. A common cause of thermal pollution is the use of water as a coolant by power plants and industrial manufacturers.

Control of water pollution requires appropriate infrastructure and management plans as well as legislation. Technology solutions can include improving sanitation, sewage treatment, industrial wastewater treatment, agricultural wastewater treatment, erosion control, sediment control and control of urban runoff (including stormwater management).

Definition

Part of a series on

Pollution

Raw sewage and industrial waste in the New River as it passes from Mexicali (Mexico) to Calexico, California

Air	[show]
Biological	[show]
Digital	[show]
Electromagnetic	[show]
Natural	[show]
Noise	[show]
Radiation	[show]
Soil	[show]
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Soil Pollution: Definition, Causes, Effects and Solutions

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noise pollution, unwanted or excessive sound that can have deleterious effects on human health, wildlife, and environmental quality. Noise pollution is commonly generated inside many industrial facilities and some other workplaces, but it also comes from highway, railway, and airplane traffic and from outdoor construction activities.

Measuring and perceiving loudness

Sound waves are vibrations of air molecules carried from a noise source to the ear. Sound is typically described in terms of the loudness (amplitude) and the pitch (frequency) of the wave. Loudness (also called sound pressure level, or SPL) is measured in logarithmic units called decibels (dB). The normal human ear can detect sounds that range between 0 dB (hearing threshold) and about 140 dB, with sounds between 120dB and 140 dB causing pain (pain threshold). The ambient SPL in a library is about 35 dB, while that inside a moving bus or subway train is roughly 85 dB; building construction activities can generate SPLs as high as 105 dB at the source. SPLs decrease with

jackhammer

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