

**Abstract of Paper Presented at “Dream of Green City” at Pune  
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**CAUSES AND CONTROL OF URBAN AIR POLLUTION**

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Air Pollution: Definition , Causes Of Urban Air Pollution,  
Effects Of Air Pollutants : Particulate Matter, Sulfur Dioxide, Oxides Of Nitrogen,  
Carbon Monoxide, Hydrocarbons, Photochemical Oxidants, Asbestos And Metals.

**Global Effects Of Air Pollution**

1. Green House Effect:
2. Ozone Layer Depletion:

**Air Pollution Control:**

Hood And Duct Design:

**Air Pollution Control Devices:**

**Particulate Collection Mechanisms:**

**A. Particulate Control Devices:**

1. Settling Chamber
2. Cyclones
3. Scrubbers
4. Fabric Filters
5. Electrostatic Precipitators:

**B. Gaseous Pollutants Control Devices :**

1. Adsorption devices
2. Absorption devices
3. Incinerators