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CIVIL ENGINEERING COURSE

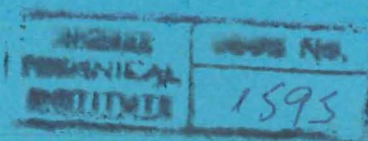
DIPLOMA PROJECT

Air Pollution Control

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## 1.1. DEFINITION OF ATMOSPHERIC POLLUTION

### Atmospheric Pollution Problem

There are many different views as to what constitutes pollution of the atmosphere. To some people pollution implies the increase, or even decrease of any atmospheric constituent from the value that would have existed without human activity. Given that our planet atmosphere has undergone profound changes in its constitution throughout its lifetime and the volcanic eruptions forest fires and sand storms cause marked local and regional variations in atmospheric constituent values, variations in atmospheric constituent values, then such a definition is of limited use. Other definitions of atmospheric pollution are more useful, such as the presence of substances in the ambient atmosphere resulting from the activity of man or from natural processes causing adverse effects to man and the environment. An expanded version of this definition will be employed in this next namely that air pollution is defined as the presence in the atmosphere of substances or energy in such quantities and of such variations liable to cause harm to human made materials and structures, or changes in the weather and climate with the comfortable enjoyment of life or property or other human activities.

Air is a mixture of gases which surround the earth in a comparatively thin layer.

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