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**MODERN TRENDS IN GREEN CHEMISTRY, MEDICINAL  
CHEMISTRY AND ENVIRONMENTAL SCIENCE**

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Nashik

**Dr. S.P. Badgujar**  
**Principal**

K.V.N. Naik Arts' Commerce and Science College,  
Canada Corner, Nashik-422002

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## Natural Assets Degradation

**Dr. G. P. Surve**

Associate Professor in Mathematics, K. A A N M Sonawane A S C College, Satana, Dist: Nashik.

**Dr. (Mrs) V G Surve**

Asst. Prof. in Physics, K. V. N. Naik A. S. C. College, Canada Corner, Dist: Nasik

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### Abstract:

Consumption of natural assets like air, water and soil is causing deterioration of environment i.e. environmental degradation / the disintegration of the earth. The destruction of environments and the eradication of wildlife. Air pollution, pollution of the natural environment is all challenges for world. Still, India has a long way to go to reach environmental quality similar to those enjoyed in developed economies. Pollution remains a major challenge and opportunity for India. Deterioration of environment is one of the primary causes of diseases, health issues and long term livelihood impact for India.

### Introduction

When we think about environment the basic question arises that what is environment? The term environment means surrounding. It is an English word formed by two words – ‘environ’ and ‘ment’ which means ‘encircle’ or ‘all around’. We all live on the earth and this earth has the human environment. It includes all the physical parts of the earth such as air, soil, minerals, rocks and water and its entire living organism such as animals and plant. In present century scientific and technological development has given several benefits to mankind but at the same time it is also responsible for various types of environmental degradations. Day by day man is using the environmental factors to fulfill all his purposes.

### Results and Discussion

#### a. Pollution through Industrialization :

Nowadays the rapid rate of industrialization has resulted in more and more air pollution. Various industrial processes release almost all types of pollutions into the air. Some industries like cement, iron and steel, fertilizer, petrochemical etc. are such examples. Without air, man and animals cannot live as air provides us oxygen. If the air is polluted there is no use of this air. Without air there would be no clouds, no winds no rains, no snow and no fire. In other words, there would be no life on the earth.

#### b. Unorganized Mining :

Mining is one of the most important economic activities. Because of the growing knowledge of the mineral resources as well as due to technological and scientific developments, now mining is performed on a very large – scale. The ultimate result of this large-scale mining is that it has created a threat to the environment. There are two types of mineral resources viz. non-metallic minerals, mineral fuels. All these are useful. Therefore, mining operations are expanding without taking into consideration the impact on the environment. The result of mining areas is destruction of land. In USA alone about 1,50,000 acres of land has become wasteland due to mining. In India, one can already see the destruction of land caused due to mining in the states of Bihar, Orissa, MP and Rajasthan. Unplanned and unorganized mining is dangerous to the environment. Some measures like leveling of mining areas, re-use of waste material proper management and planned, regulated mining can solve many problems.

#### c. Rapid Deforestation :

As the population increased more forests were cleared for various uses. Apart from this the main cause of the deforestation is over exploitation of forests. There was a time when 29 percent of the land area was covered with forest and now the total forest cover has shrunk to 16 percent only. In countries like Indonesia, India, Thailand etc. the rate of annual cutting of forests is very high and it has created a great problem to the environmental safety, particularly in India. Deforestation is going on at a very fast rate in India. Rapid expansion of industries, excessive mining, river valley projects and urbanization etc., have been instrumental in over exploitation of forests. The following measures can be helpful in solving this problem to some extent.

- i. Actual growth of trees be supervised.
- ii. We have to develop an alternative for wood; moulded plastic, etc for furniture and other articles.
- iii. Development of National Parks and game sanctuaries.



K. V. N. NAIK SHIKSHAN PRASARAK SANSTHA'S,  
**Arts, Commerce and Science College**

Canada Corner, Nashik - 422002.

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13<sup>th</sup> – 14<sup>th</sup> Feb. 2019

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This is Certify that Prof./Dr./ Mr./Mrs./Ms. G. P. Juve of

M.V. P. Arts Commerce & Sci. K. V. N. Naik Shikshan Prasarak College, Nashik has actively

Participated / Presented Paper / Poster/Acted as Resource Person in National Conference, jointly  
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and Science College, Nashik and Savitribai Phule Pune University, Pune.

*(Signature)*

Dr. V. J. Naukudkar  
Head & Co-ordinator

*(Signature)*

Dr. S. P. Badgujar  
Principal

