

## A COMPARATIVE STUDY OF ENVIRONMENTAL AWARENESS AMONG RESIDENTIAL AND NON RESIDENTIAL SECONDARY SCHOOL STUDENTS.

Dr. J. R. Magare,

Bhonsala Military School and Junior College,  
Nashik - 422005

Dr. S. R. Magare,

Adypak Shikshan Mandal's C. H .C.Arts,  
S.G.P Commerce and B.B.J.P.Science College,  
Taloda -425413.

### ABSTRACT

*The aim of the present study is to measure the environment awareness among the ninth standard students. The sample consists of 200 residential and nonresidential students from Nashik city. The data was collected through the Environmental Awareness Test was prepared by the investigator based on the environmental education books of ninth standard. The data was analyzed from the Mean, Standard Deviation and t value. The environmental awareness is more among the students of residential students than nonresidential students.*

**Key Words** Environment Awareness Test, Ecosystem, Pollution.

### Introduction

Environmental Education and environment awareness is the important subject in the school curriculum. The population explosion, global warming ,air ,water ,soil ,deforestation and depletion of natural resources are create many problems in day to day life of human beings. The people started exhausting the natural resources on one side and creating the pollution on the earth affecting the ecological balance in the ecosystem. Lack of environmental awareness regarding the overuse of plastic, garbage disposal, preservation of species and culture etc and conservation of forests are responsible for degradation of the environmental procurement at grass root level. If it continues the human civilization will face adverse situation. The National Policy on Education (1986) also gave importance on creating a ‘consciousness of environment’.

Environmental education for environmental awareness will prepare human society to protect the ecological balance. Environmental education aims at developing in them the knowledge, attitude, skill, awareness and communication to protect our nature. In order to achieve the objective of

environment education and awareness about the environment the Government had added the subject in the school curriculum but no change has been observed. For the study has been conducted in Nasik district of Maharashtra. A comparative study of environmental awareness among residential and nonresidential secondary students.

### Objectives

To compare the environmental awareness between Residential and Nonresidential school along with the following dimensions.

- 1 Environment Education
- 2 Industrial pollution.
- 3 Air pollution
- 4 Water pollution
- 5 Noise pollution

### Review of related literatures

Though various studies have been conducted by Rajput (1988), Gupta (1986), Robinson (1996), Tamar(1998) ,Rathore (1999),Sunnetha (2000) ,studies are forced over the primary school education. Anita (2000), Bishonoi (2001), Das (2002) and Surekha 2003) are dealing with the secondary level of school education.

### Hypothesis

There is no significant difference on Environment Education and its components between Residential and Nonresidential school students.

### Sample

The sample was selected randomly from the four different school of Nashik. Two schools selected for residential and two schools selected from nonresidential. Total sample selected for study was 200 out of which 100 students selected from residential schools and 100 students from nonresidential schools.

### Tool

The Environmental Awareness Test (EAT) prepared by the investigator based on the topics included in ninth standard Environmental Education text book. The test includes 50 questions related to environmental awareness. The test was multiple choice questions. The one mark given for one correct answer. The validity and reliability of the test was checked and corrected by experts.

### Findings

After the collection of data from residential and non residential schools of Nashik district, Mean (M), Standard Deviation (SD) and t values were calculated. The mean, standard deviation of each subcomponent calculated. The details of the analysis carried out in this regard are presented in Table 1

**Table 1:- Showing Mean, SD's and t values on different components.**

Test Components	Residential Students			Nonresidential Students			t value	Level of Significance
	N	M	SD	N	M	SD		
<b>Environmental education</b>	100	7.72	1.33	100	6.33	1.93	5.93	0.01
<b>Industrial Pollution</b>	100	7.22	1.33	100	5.52	1.97	7.15	0.01
<b>Air Pollution</b>	100	6.05	1.79	100	5.09	1.55	4.05	0.01
<b>Water Pollution</b>	100	6.39	1.76	100	4.91	1.45	6.04	0.01
<b>Noise Pollution</b>	100	7.42	1.55	100	7.02	4.55	5.01	0.01

The above findings show that there exists a significant difference between residential and nonresidential students on environmental awareness and its components. As per the table the mean of the residential students is higher than the nonresidential students.

### References.

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