



A study of environmental awareness ability of X Std. students of Urdu medium school of Aurangabad city

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Abstract

The present study tries to study the environmental awareness ability of X Std. students Urdu medium school of Aurangabad city, Maharashtra. The data was collected through survey method. Two schools were selected at random; out of each school fifty students (25 boys & 25 girls) were selected at random, to make the sample size of 100. Dr. Pravin Kumar Jha's environmental awareness ability measure was used. It contains 51 items, yielding scores in five dimensions – 1) causes of pollution, 2) conservation of soil forest, air etc.3) energy conservation, 4) conservation of human health, and 5) conservation of wild life and animal husbandry. The data collected was given statistical treatment using mean and standard deviation. The study revealed that the environmental awareness ability of X Std. students is high and there is significant difference in environmental awareness ability of male and female students.

Keywords: environmental awareness ability

Introduction

India's socio-economic development (like any other less developed country) is firmly rooted on the exploitation of the natural resources in our environment. Land, water, forest and other mineral resources utilization is the dominant feature of rural economy with agriculture the driving force. Uncontrolled and improper exploitation of these resources have implications on the environment causing disruption in the living standard, starvation, displacement and human suffering. The rapid economic growth experienced by India is resulting in adverse and harmful environmental conditions that are affecting the people of India as well the wider global population. Therefore it is necessary to create awareness of the causes and effects of these problems viz: food and water scarcity, pollution, outbreak of epidemics and natural disaster such as flood, erosion and desert encroachment, and of course how to prevent them. The developed countries rely on the high technology for the exploitation of natural resources while developing countries like India totally depend on agriculture, forestry and the mineral resources thereby leading to intensive and over-exploitation of the natural resources and these have serious implications on the resources. The natural resources and cultural heritage need to be protected not only for this generation but for future generation. Therefore awareness and education of environment is the paramount concern of all the citizens of society. Environmental awareness may be defined as to help the social

groups and individuals to gain a variety of experience in and acquire a basic understanding of environment and its associated problems. Educators and Environmental specialists have repeatedly pointed out that any solution to the environmental crisis will require environmental awareness and understanding to be deeply rooted in the educational system at all levels. The other definition can be as "environmental awareness is to understand the fragility of our environment and the importance of its protection."

Environmental awareness among the public and policy makers has been growing since the 1960s. On account of the growing awareness of the environmental crisis today it is assigned top priority in national and international agenda. The students are the upcoming citizens so they should have environment awareness. The reason of selecting students of Std. X is that they do have either environmental studies as one of the subject since lower classes or they have topic related or based on environment. Moreover, the objective of Environmental education includes awareness, knowledge, attitudes, skills and participation of in protecting the environment student.

Significance of the study

The present study tries to know about the environmental awareness ability of Std. X students of Urdu medium school. Through this study we can get idea about the environmental awareness ability of both male and female Std. X students of Urdu medium school.

Objectives

To study the environmental awareness ability of Urdu medium school.

To compare the environmental awareness ability of male and female Std. X students of Urdu medium school.

Hypothesis

The Environmental awareness ability of Std. X students of Urdu medium school is Average.

There is no significance difference between the Environmental awareness ability of male and female Std. X students of Urdu medium school.

Method of study

Survey Method was used for the study

Sample

Out of the total Urdu medium Schools two were selected at random and fifty students (25 boys and 25 girls) were selected at random from each selected school. The sample size is of 100 students.

Tool used for study

The Standardize tool constructed by Dr. Pravin kumar Jha was used. It contains 48 items (including 43 positively and 8 negatively worded), yielding scores in five dimensions:

- Causes of pollution,
- Conservation of soil forest, air etc.
- Energy conservation,
- Conservation of human health,
- Conservation of wild life and animal husbandry.

Procedure

The researcher visited the schools personally took the permission of the Heads of the school. After taking the permission as per the time available the researcher administered the scale on the students and collected it back as soon as it was filled. .

Scoring

The scoring of the test is done by following the instruction given in the manual of the test. The Sum of Score in different dimension provides measures of Environmental awareness ability.

Analysis

Mean and Standard Deviation was employed to analyse the data collected.

Table 1: Table showing Analysis of students falling under different levels of environmental awareness

No of Students	Percent	Levels of Environmental Awareness
85	85%	High
15	15%	Average
0	0	Low

Results

According to the norm of the test and the answer key, the total score indicates level of environmental awareness. It means, if a

student falls in a low Range of score, it indicates low level of environmental awareness. The above table shows that majority students have high level of environmental awareness. Very few students i.e. 15% students have average level of environmental awareness, so, we can say that majority of the students have High level of Environmental Awareness Ability.

Table 2: Table showing Mean, SD of scores of students on EAAM

Sr. No	Dimensions	Mean	SD
1	Conservation of wild life and animal husbandry	1.78	0.45
2	Conservation of human health	12.94	1.61
3	Conservation of soil, forest, and air, etc	10.72	1.81
4	Causes of pollution	10.48	1.68
5	Energy conservation	4.89	1.00

Results

Table 2 shows the Mean and SD of X std students on various dimensions of EAAM Test. For the first dimension the Mean (1.78) whereas the SD (0.45). For the second dimension i.e. Conservation of human health, the Mean (12.94) whereas the SD (1.61). For the third dimension the Mean (10.72) whereas the SD (1.81). For Causes of pollution the Mean is (10.48) whereas the SD (1.68). For the Energy conservation the Mean (4.89) whereas the SD (0.45).

Table 3: Table showing mean scores of male and female students for various dimensions of EAAM

Sr. No	Dimensions	Male	Female	Total
		Mean	Mean	Mean
1	Conservation of wild life and animal husbandry	10.49	10.48	10.48
2	Conservation of human health	10.94	10.53	10.72
3	Conservation of soil, forest, and air, etc	5.00	4.79	4.89
4	Causes of pollution	13.05	12.84	12.94
5	Energy conservation	1.82	1.74	1.78

Results

Table 3 shows the Mean Scores of Male and Female students of X std on various dimensions of EAAM Test. For the first dimension the Mean of Male is (10.49) which is almost same as of the female is (10.48). For the second dimension i.e. Conservation of human health, the Mean of Male is (10.94) whereas the Mean for female is somewhat very closer i.e. (10.53). For the third dimension the Mean for Male is (5.00) whereas for female the Mean is less than Male (4.79). For Causes of pollution the Mean of Male is (13.05) whereas the Mean of Female is (12.84). For the Energy conservation the Mean for the Male is (1.82) whereas for the female is (1.74). The analysis shows that there is difference in Means of Male and Female students, therefore we reject the hypothesis that there is no significance difference between the Environmental Awareness Ability of Male and Female X std students.

Conclusions

The findings of the present study are as follows:

- The Environmental Awareness Ability of Std. X students of Urdu medium school is high.
- There is significance difference between the Environmental Awareness Ability of male and female Std. X students of Urdu medium school.

References

1. Chandra, Mahesh. Environmental concerns in india: problems and Solutions' in "Journal of International Business and Law, Art. 1" - published by, 2015, 15(1), <http://scholarlycommons.law.hofstra.edu/jibl/vol15/iss1/1>
2. Jha, Praveen Kumar, Environmental Awareness Ability Scale: National Psychological Corporation, Agra.
3. Rao VK, Reddy RS. Environmental Education. Commonwealth Publishers, Delhi, 2003.
4. Sharma RA. Environmental Education. R. Lall Book Depot, Meerut, 2005.
5. <https://timesofindia.indiatimes.com/readersblog/divine-thoughts/the-importance-of-environmental-awareness-3444/>
6. <https://www.pachamama.org/environmental-awareness>