

“Study of awareness towards environmental pollution among undergraduate students”

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Introduction-

Every organism lives with the mutual interaction of its genetics and environment. Environment is the main basis of human existence. That impact has on physical structure, health and brain in human life. Every component of the environment like soil, trees, plants, animals, birds, light, water and air etc. are useful for human life. All these components affect human life directly or indirectly.

In ancient times, sages and sages had said that - "Nature is our mother, who sacrifices everything for her children." Thus, since ancient times, humans and other animals have had a deep relationship with nature. So, it is necessary that we continuously maintain this relationship and protect the environment from getting polluted. If the environment is not protected from pollution, it can prove dangerous for the entire human and living world.

In modern times, we are progressing very fast with science, but along with this progress, we are also causing a lot of damage to the environment, due to which environmental pollution has become a terrible problem in modern times. To protect the environment from pollution, we have to protect the environment as well as protect it from contamination. This pace of modernization has caused a lot of damage to the environment. Due to which environmental pollution is increasing. To reduce environmental pollution, it has become necessary to make every person aware about it and tell about the dangers caused by environmental pollution.

Problem Statement-

“Study of awareness towards environmental pollution among graduate level students”

Objectives of research study-

The objectives of the presented research paper are as following -

1. To study the difference in awareness of environmental pollution among graduate level students of urban and rural areas.
2. To study the difference in awareness about environmental pollution among graduate level students and girls of rural areas.
3. To find out the difference in awareness about environmental pollution among graduate level students and girls of urban areas.

Hypotheses of research study-

The hypotheses of the presented research paper are following -

1. There is no significant difference in the awareness of environmental pollution among graduate level students of urban and rural areas.
2. There is a significant difference in the awareness of environmental pollution between male and female graduate level students in rural areas.
3. There is no significant difference in the awareness of environmental pollution among graduate level boys and girls in urban areas.

Sample-

For the present research paper, the researcher selected students studying in colleges of urban and rural areas by random method. 80 students are selected for the sample.

Format of sample

Total Students (80)			
Urban Students (40)		Rural Students (40)	
Boys	Girls	Boys	Girls
20	20	20	20

Area of sampling-

The researcher has selected of area of sample was Gangoh block of Saharanpur district.

Tools of research-

The researcher used a self-made questionnaire to collect data. Questions related to environmental Pollution and awareness was included to find out the awareness of environmental pollution among the students.

Statistical Method -

In the presented research paper, t test has used to know the awareness level using mean and standard deviation.

Statistical analysis and interpretation -

By doing statistical analysis of the answers given by the students, the questions were tabulated and on the basis of that the research hypothesis was confirmed.

Table-1

S.No.	Group	Data	Mean (M)	Standard deviation (SD)	Value of 't'	Degree of freedom	Significance level
1.	Urban Students	40	62.07	11.30	0.830	78	0.05
2.	Rural Students	40	61.0	10.30			

On the basis of statistical analysis of the data collected in the research study and the results of Table-1, it is clear that the 't'-ratio value determined is 0.830 which is 78 degrees of significance at the degree of freedom and the tabulation value of significance level is 0.05. It is less than 1.99, hence it is significant and our hypothesis no. 01 that there is no significant difference in the awareness of environmental pollution among graduate level students of urban and rural areas is accepted.

Table-2

S.No.	Group	Data	Mean (M)	Standard deviation (SD)	Value of 't'	Degree of freedom	Significance level
1.	Rural Boys	20	61.24	10.96	0.585	38	0.05
2.	Rural Girls	20	59.50	10.70			

On the basis of statistical analysis of the data collected in the research study and the results of Table-2, it is clear that the 't'-ratio value determined is 0.585, which is 38 degrees of significance at the tabulation value of significance level 0.05 on the degrees of freedom. It is less than 1.99, hence it is meaningful and our hypothesis no. 02 that there is a significant difference in the awareness of environmental pollution among graduate level boys and girls of rural areas is accepted.

Table-3

S.No.	Group	Data	Mean (M)	Standard deviation (SD)	Value of 't'	Degree of freedom	Significance level
1.	Urban Boys	20	63.1	11.72	0.583	38	0.05
2.	Urban Girls	20	60.8	9.92			

On the basis of statistical analysis of the data collected in the research study and the results of Table-2, it is clear that the 't'-ratio value determined is 0.583, which is 38 degrees of significance at the tabulation value of significance level 0.05 on the degrees of freedom. It is less than 1.99, hence it is significant and our hypothesis no. 03 that there is no significant difference in the awareness of environmental pollution among boys and girls student of urban areas is accepted.

Conclusion-

The results of the research study show that students in urban and rural areas are aware of environmental pollution. The main credit for increasing awareness about environmental pollution among students in rural areas goes to modern mass media through which students get information about the importance of the environment. And they try to prevent the environment from getting polluted. But from the results of Table 2, it is clear that even today the level of awareness among girl students in rural areas is less than that of boys.

Suggestion for awareness towards environmental pollution -

Environmental education should be compulsorily implemented as a main subject in the curriculum of higher education and group discussion on various problems related to

environmental pollution should be conducted among the students of higher level classes and short research work should be done by each student, so that environmental pollution can be reduced. Students will be able to become aware of it and its cause and effect can be found out. Along with this, students should be taken on field trips related to environmental problems. So that students can become directly acquainted with environmental problems.

References list-

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