

A STUDY ON ENVIRONMENTAL ETHICS AMONG HIGH SCHOOL STUDENTS IN SRIVILLIPUTHUR TALUK

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Abstract

The focus of present study was to ascertain the influence of A study on environmental ethics among high school students in srivilliputhur taluk. Descriptive survey method was used to conduct the study. The sample comprises of 300secondary school students acquired from ten high and higher secondary schools in Srivilliputhur Taluk through simple random sampling technique. The collected data is analyzed statistically in SPSS software. The level of environmental ethics among high school students is moderate in Virudhunagar district. The findings reveal that there is no significant difference between rural and urban high school students in their attitude towards environmental education.

Keywords: *Environmental Ethics, Attitude, towards, Descriptive, Survey Method.*

Introduction

Environment has been defined as the sum total of all conditions and influences that affect the development and life of organisms. Environment is interwoven in day-to-day life of human beings and as such man plays a great role in preserving and improving the environment for the sake of development for a better future. However, lopsided developmental activities are accelerating the pace of environmental degradation. This accounts for scarcities of natural resources, which subsequently threaten the sustained productivity of the economy, economic production and consumption activities. Here's your text with spaces added between each word:

Attitude towards Environmental education is a lifelong process and should aim at imparting knowledge and understanding of man's total environment and of the methods and their application for improving our near and distant surrounds but it should also aim values necessary to understand, appreciate and improve our bio and troposphere's. Man is a part and parcel of his environment due to his interaction with nature on a large scale, the balance of nature has been upset and environmental decadence occurred in most parts of the world. It has posed a great problem to the existence of man, planet threatening the quality of man's life and his survival. So, there is a need to increase education and understanding of that environment and man's impact upon them to find out the effective ways to manage them. To achieve the goal, Attitude towards Environmental education is to formulate a responsible attitude towards the sustainable development of planet earth an appreciation of its beauty and an assumption of environmental ethics. It is the responsibility of the teachers to inculcate an

education of environment among the pupils before that, the teachers should test how much the pupils know about the relationship between them and environment.

Significance of the study Motivation for education about nature should begin at a very early level in schools. It is essential that for this to be implemented a proper educational approach be initiated in schools. At present, the entire world is facing numerous of environment problems. These problems are great concern for scientists all over the world. We better know that over-exploitation of natural resources is responsible for some of environmental problem. Air, water and soil pollution is increasing every day. Vehicular exhausts, smoke releasing tall smokestacks, mining are various problem associated with human activities. Degradation of environment result in ecological balance. The government is taking several steps but is not success everywhere. Participation of people and students is there for, very important in planning and management of environment. Attitude towards Environmental education is necessary to know the importance of keeping the environment clean and protecting the earth. In a climate that is vitiated with political stances the generation following us is going to be the victims of confusion. It is therefore necessary that such studies that evaluate the education about the environment especially among students, are conducted and the lacunae remedied. So, the study focuses on the topic entitled, "A study on environmental ethics among high school students in Srivilliputhur taluk".

Objectives of the Study

1. To find out the level of environmental ethics among high school students.
2. To find out the level of Environmental ethics among high school students with respect to gender.

Null Hypothesis

1. There is no significant difference in Environmental ethics among high school students with respect to gender.
2. There is no significant difference in Environmental ethics among high school students with respect to type of family.
3. There is no significant difference in Environmental ethics among high school students with respect to location of student.

Delimitations

1. The study has been confined to the high school students studying in high and higher secondary school.
2. Sample was taken from 10 high school schools situated in rural and urban areas of Srivilliputhu Taluk of Viruhunagar District.

Methodology

A descriptive survey method was adopted by the researcher to conduct this study.

Population for the Study

The population for the present study comprises all the high school students, who are studying in different high and higher secondary schools in Srivilliputhur Taluk.

Sample for the Study

The researcher employed the simple random sampling method for selecting the sample. The sample for the present study comprises 300 secondary school students from 10 high and higher secondary schools in Virudhunagar district.

Tool

Attitude towards Environmental education was prepared and validated by investigator and guide (2022).

Statistical Techniques

Percentage, Mean, standard Deviation, 't' test and correlation.

Analysis of Data

Objective: 1

To find out the level of Environmental ethics among high school students.

Table 1 Level of Environmental Ethics among High School Students

Low		Moderate		High	
Count	%	Count	%	No.	%
46	15.3	203	67.7	51	17.0

It is inferred from the above table that 15.3% of high school students have low, 67.7% of them have moderate and 17.0% of them have high level of Attitude towards Environmental education.

Objective: 2

To find out the level of Environmental ethics among high school students with respect to gender.

Table 2 Level of Environmental Ethics among High School Students with Respect to Gender

Gender	Low		Moderate		High	
	No.	%	No.	%	No.	%
Male	25	17.4	97	67.4	22	15.3
Female	21	13.5	106	67.9	29	18.6

It is inferred from the above table that, 17.4% of the male high school students have low, 67.4% of them have moderate and 15.3% of them have high level of Attitude towards Environmental education. 13.5% of the female high school students have low, 67.9% of them have moderate and 18.6% of them have high level of Attitude towards Environmental education.

Null Hypothesis: 1

There is no significant difference in Environmental ethics among high school students with reference to gender.

Table 3 Difference in Environmental Ethics among High School Students with Respect to Gender

Gender	N	Mean	SD	Calculated 't' value	Remarks at 5% level
Male	144	74.8958	15.06337	2.434	S

(At 5% level of significance, for df 298, the table value of 't' is 1.96.)

It is inferred from the above table that calculated 't' value (2.434) is greater than the table value (1.96) for df (298) at 5% level of significance. Hence the null hypothesis is rejected. It shows that there is significant difference in Environmental ethics among high school students with respect to gender.

Null Hypothesis: 2

There is no significant difference in Environmental education of high school students with reference to type of family.

Table 4 Difference in Environmental Ethics among High School Students with Respect to Type of Family

Type of Family	N	Mean	SD	Calculated 't' Value	Remarks at 5% level
Nuclear	181	75.9669	14.67307	0.202	NS
Joint	118	76.3136	14.32092		

(At 5% level of significance, for df 298, the table value of 't' is 1.96)

It is inferred from the above table that calculated 't' value (0.202) is less than the table value (1.96) for df (298) at 5% level of significance. Hence the null hypothesis is accepted. It shows that there is no significant difference in Environmental ethics among high school students with respect to type of family.

Null Hypothesis: 3

There is no significant difference in Environmental ethics among high school students with respect to locality of students.

Table 5 Difference in Environmental Ethics among High School Students with Respect to Locality Student

Location of Student	N	Mean	SD	Calculated 't' value	Remarks at 5% level
Rural	46	75.1739	16.42397	0.492	NS
Urban	254	76.3189	14.15738		

(At 5% level of significance, for df 298, the table value of 't' is 1.96)

It is inferred from the above table that calculated 't' value (0.492) is less than the table value (1.96) for df (298) at 5% level of significance. Hence the null hypothesis is accepted. It shows that there is no significant difference in Environmental ethics among high school students with respect to locality of student.

Major Findings

Descriptive Analysis

1. 15.3% of have low, 67.7% of them have moderate and 17.0% of them have high level of Environmental ethics among high school students.
2. 17.4% of the male students have low, 67.4% of them have moderate and 15.3% of them have high level of Environmental ethics among high school students.
3. 13.5% of the female students have low, 67.9% of them have moderate and 18.6% of them have high level of Environmental ethics among high school students.

Inferential Analysis

1. There is a significant difference in Environmental ethics among high school students with respect to gender.
2. There is no significant difference in Environmental ethics among high school students with respect to type of family.
3. There is no significant difference in Environmental ethics among high school students with respect to location of student.

Interpretation

The 't' test result shows that there is significant difference in Environmental ethics among high school students with respect to gender. The man values of female students are better than the male students in their environmental education. This may be due to the fact that the female students may have better knowledge, understanding and skills about natural environment and also they have to keep surrounding neatly so they female students have high level of environmental education.

Suggestions of the Study

The following are the suggestions for further research studies.

1. A similar study may be conducted using the graduate, postgraduate, and prospective teachers and school teachers.
2. A comparative study of school, college and university students may be undertaken.
3. A similar study may be conducted using the graduate, postgraduate prospective teachers and school teachers.
4. A comparative study may be conducted using the graduate students from professional and non-professional colleges in Tamilnadu.
5. A similar investigation may be undertaken using the students of environmental and non-environmental graduate students.

Educational Implications of the Study

1. Environmental experts may be identified during the training programmes, who wish to specialize further in environment education and could be made master trainers to

offer local expertise in families of students, thus developing a participative, and as an educative approach.

2. Suggestions from the coordinated efforts of teachers and supporting teams like curriculum planners, examiners and environmentalist associations are certainly required to improve the situation and promote the balanced development of environmental consciousness in formal and non-formal educational set-ups.
3. Children should participate in tree planting campaign in and around their schools and residential areas.
4. School students should take part in various environmental management seminars organized by the school.
5. Teachers must acquaint their pupil about pros and cons of environmental pollution.

Conclusion

The objective of the present investigation was to study the Environmental ethics among high school students. The recommendations given by the investigator may be very helpful for improving the Environmental ethics among high school students This study will be more powerful when the suggestions given by the investigator are applied for further study and it will be of a great help for those who study further in this field.

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