

# A Study Of Environmental Awareness And Environmental Ethics Among The B. Ed Trainees In Villupuram District

V. Sankar<sup>1\*</sup>, Dr. D.P. Saravanan<sup>2</sup>

<sup>1</sup> *Research Scholar, Department of Educational Planning and Administration, Tamil Nadu Teachers Education University, Chennai, Tamil Nadu, India.*

<sup>2</sup> *Assistant Professor & Research Supervisor, Department of Educational Planning and Administration, Tamil Nadu Teachers Education University, Chennai, Tamil Nadu, India.*

## Abstract

The present study belongs to the category of descriptive field survey type of research. The sample of the study has been confined of 300 B. Ed Trainees in Villupuram district. For selecting the sample stratified random technique have been used. The present study used on following standardized research tools 1. Environmental Awareness Constructed by Vipinder Nagra. 2. Environmental Ethics Scale constructed by Haseen Taj. The collected data were analyzed by using descriptive and inferential statistics that is Mean, Standards derivation, t-test, correlation co-efficient with IBM-SPSS v23 Software. Interpreting the data and its finding as follow, there is statistically significant difference in the Environmental Awareness and Ethics among B. Ed Trainees in Villupuram districts.

**Key words:** Environmental Awareness, Environmental Ethics, B. Ed., Trainees.

## INTRODUCTION

In India, our ancestors had fully recognized the significance of conserving natural resources. Environment is the priceless gift of nature which is highly vibrant, multidimensional, and interdisciplinary concept which incorporates various factors pertaining to human.

Environmental Education become an essential zone to be enhanced, there are lots of research are conducted to emphasis on different dimensions of Environmental Education. Many of the studies focus on to determine students' perception of environment, many others try to clarify student's and teacher's attitudes, and awareness about environmental issues. Some other scholars examine the teaching and learning methods for effective Environmental Education applications. One of the major issues for Environmental Education researchers is to determine how students define the term environment. It is important to ascertain students' perception or knowledge of environment. because, if educators know what their students understand from environment, they can have an idea about how to develop advantageous and effective environmental education strategies. (Loughland, Reid, Petocz, 2002). One of the examples of such studies is Shepardson (2005). He conducted research to get ideas of students about the meaning of environment. 81 students from different grade levels were participated in study. Firstly, students were asked to draw a picture of

environment, and then explain their drawings. Secondly, a series of seven photos were shown students and asked them to explain whether the photograph describe an environment.

## REVIEW OF THE STUDY

The findings of the previous research related to the present study are presented here under.

Ajay Kumar, (2010) revealed that the environmental awareness of prospective teachers of Himachal Pradesh remains between same. while they were studying Education for Human Value, Environment, and Human Rights as compulsory subject during their B.Ed. course. Wongchantra, and Nuangchalerm (2011) revealed that female students had higher score of environmental knowledge, and environmental ethics than those of male students.

Suhane (2012) observed a significant difference in environmental ethics between male inservice teachers, and female inservice teachers. Anjuli Suhane (2012) observed a significant difference in environmental ethics between male teacher educators and female teacher educators.

Marcela Espinosa Pike, and Edurne Aldazabal (2012) revealed that gender was not significant variable in terms of sensitivity towards the inclusion of ethics in graduate studies.

Hadi and Sakari, (2013) Relationship between Awareness, Knowledge, and Attitudes towards Environmental Education among Secondary School Students in Malaysia. The significance of environmental education is well known globally among societies.

**NEED FOR THE STUDY**

Education, the base for molding a human being into a knowledgeable, insightful, ethical, and well-mannered personality is recognized as an essential ingredient for survival in the present scenario. The main role played here are by the higher educational institutions which try to disseminate knowledge among students. Knowledge is the essential resource for global competitiveness. The processes of Liberalization, Privatization, and Globalization alongside by technological revolution have further strengthened the importance of a knowledge based society.

**STATEMENT OF THE PROBLEM**

A Study of Environmental Awareness and Environmental Ethics among the B. Ed Trainees in Villupuram District.

**OBJECTIVES OF THE STUDY**

- To find out the level of environmental awareness and ethics of B. Ed Trainees in Villupuram district.
- To find out the relationship between the environmental awareness and environmental ethics of B. Ed Trainees in Villupuram district.

**HYPOTHESES OF THE STUDY**

1. There is no significant difference in the environmental awareness of B. Ed Trainees in Villupuram district.
2. There is no significant difference in the environmental ethics of B. Ed Trainees in Villupuram district.
3. There is no significant the relationship between the environmental awareness and environmental ethics of the B. Ed Trainees in Villupuram district.

**RESEARCH METHODOLOGY**

The present study belongs to the category of descriptive field survey type of research and includes composite characteristics of causal comparative and correlational survey research.

**Population of the Study:**

A total population of 300 B. Ed trainees was taken up for present study. It consists of those who are studying B. Ed degree course in various colleges of Villupuram District.

**Sample and Sampling Procedure:**

The sample of the study has been comprised of 300 B. Ed Trainees are studying in various colleges of Villupuram District. For selecting the sample stratified random technique has been used.

**Tools Technique:**

The present study used on following standardized research tools.

1. Environmental Awareness Constructed by Vipinder Nagra.
2. Environmental Ethics Scale constructed by Haseen Taj.

**STATISTICAL ANALYSIS**

The following statistical calculations were used for analyzing the collected data. There are Mean, Standard Deviation, t-test, and coefficient of correlation. The data was statistically and systematically analyzed with the use of IBM-SPSS (v 23) packages.

**DATA ANALYSIS**

The following tables discussed on Comparison level and relationship of Environment awareness and Environment ethics dimensions that is Gender, Subject and Locality of the respondent.

**Table:1** Comparison of level of Environmental Awareness

Dimension		Mean	SD	t-value	Significance Level
Gender	Male	32.21	7.36	2.19	Significant
	Female	34.20	5.41		
Subject	Arts	26.30	5.79	2.43	Significant
	Science	30.21	5.36		
Locality	Rural	27.16	5.28	2.11	Significant
	Urban	29.68	5.03		

**Table: 2** Comparison of level of Environmental Awareness

Dimension		Mean	SD	t-value	Significance Level
Gender	Male	32.21	7.36	2.19	Significant
	Female	34.20	5.41		
Subject	Arts	26.30	5.79	2.43	Significant
	Science	30.21	5.36		
Locality	Rural	27.16	5.28	2.11	Significant
	Urban	29.68	5.03		

**Table: 2** Relationship among Environmental Awareness and Environmental Ethics

Dimension		Environmental Awareness (p-value)	Environmental Ethics (p-value)
Gender	Male	30.8	10.05
	Female	5.14	6.8
Subject	Arts	11.86	28.12
	Science	26.5	23.3
Locality	Rural	45.6	81.2
	Urban	11.8	15.4

Significant at 0.01 level.

## RESULT AND FINDINGS OF THE STUDY

There is difference in the level of environmental awareness of B. Ed Trainees in Villupuram districts. There is statistically significant difference in the Environmental Awareness among B. Ed Trainees in Villupuram districts.

Based on above description, it can be concluded that there is difference in the level of environmental ethics of B. Ed trainees in Villupuram districts. There is statistically significant difference in the Environmental Ethics among B. Ed Trainees in Villupuram districts. The direction of difference is in favor of trainees.

There is significant and positive relationship between Environmental Awareness and Environmental Ethics scores of B. Ed trainees in Villupuram districts. It can be decided that the trainees having environmental ethics have favorable awareness towards environment. It also indicates that there is significant and positive relationship between the environmental ethics and environmental awareness of B.Ed. Trainees in Villupuram districts.

## CONCLUSIONS

In the end, the teachers, curriculum designers, subject experts should be creating a conducive environment in future. This process rests in the hands of educated communities that can train their new generations to becoming responsible environmental citizens. Nowadays, majority of the world population is grappled with different challenges related with the nature and attempting to save nature. Therefore, the role of education system is to undertake this responsibility of save the environmental climate and create the awareness also practice the environmental ethics on primary level onwards.

## REFERENCES

- [1]. Anita Singh, Sony Kumari, Jaspal Singh, (2014). A Comparative Study of Environmental Awareness among Secondary School Teachers in Bareilly District U.P. India, *Universal Journal of Environmental Research and Technology*. 4(1), 60-64.
- [2]. Babu Shivnath, Agarwal Mathura, (2011). Environmental Awareness among Secondary School Students. *Quest - The Journal of UGC -ASC Nainital*, 5(2).274-279.
- [3]. Bhawana (2011). Environmental Awareness of B.Ed. Students. *International Referred Research Journal*, II(25):16-18.
- [4]. Shrivastava, K. K. (2008). *Environmental Education: Principles, Concepts and Management*. New Delhi: Kanishka Publishers, Distributors.