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A STUDY ON ENVIRONMENTAL ATTITUDES AMONG COLLEGE STUDENTS

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ABSTRACT

The present study is based on Environmental attitudes. The aim of the study is to find out the difference between which branch do you study? And gender, regarding Environmental attitudes for the purpose of the study. 100 first year college student were chosen from Kapadwanj College District Kheda, Gujarat, for data collection in all 100 College students, 50 being boys (25 Arts Branch and 25 Science Branch) and 50 being girls (25 Arts Branch and 25 Science Branch). The Proposed scale of Environmental attitudes measures attitude on a total of six issues, namely health, wildlife, forests, pollution, population explosion and environmental concerns.

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I have used Environmental attitudes Scale (EAS-TH Scale) by Dr. Haseen Taj (1981-Bangalore) The obtained data analyzed through Mann-Whitney 'U' test. The result shows that there was no significant difference between the Environmental attitudes of studying in the Arts branch boys and girls. Just like that studying in the science branch boys and girls. Here, the overall Environmental attitudes is found to be higher among students studying in the science branch than among students studying in the arts branch.

KEY WORDS: Environmental attitudes, Gender, Arts, Science, College students.

Introduction:

Environment means the complete natural process, including all biotic and a biotic factors on which all living including humans depend and the complex resulting from it, which can be identified as the environment. In other words, the sum of all the factors that affect the life and development of any organism is the environment of organism. In short, environment means fairy + cover, where fairy means everything around us.

Ignoring the issue of the environment is unacceptable for human society. The focus of health service programs is also on environmental management. Managing environmental impacts is an important issue. Our ancient scriptures also emphasized the protection and management of the environment. There is need for humanity to develop a systematic understanding of environmental conservation and its protection. The present comparative research work aims to understand the environmental attitudes of college students.

OBJECTIVES OF THE STUDY:

The objectives of this study are as follows:

- To find out and compare the Environmental Attitudes of Arts branch boys and Arts branch girls.
- To find out and compare the Environmental Attitudes of Science branch boys and Science branch girls.

- To find out and compare the Environmental Attitudes of Arts branch boys and Science branch boys.
- To find out and compare the Environmental Attitudes of Arts branch girls and Science branch girls.
- To find out and effect of Gender and Branch on Environmental Attitudes

HYPOTHESIS:

As per the consideration of the objective for the person study, we have done following hypothesis for testing:

- 1) HO 1: There is no significant difference between Arts branch boys and Arts branch girls in relation to Environmental Attitudes.
- 2) HO 2: There is no significant difference between Science branch boys and Science branch girls in relation to Environmental Attitudes.
- 3) HO 3: There is no significant difference between Arts branch boys and Science branch boys in relation to Environmental Attitudes.
- 4) HO 3: There is no significant difference between Arts branch girls and Science branch girls in relation to Environmental Attitudes.

METHODOLOGY:

1) Population: According to Gilford population consists all the people and objects which have the same characteristics.

In the present study, we considered Arts and Science students groups, at the Kapadwanj town, District: Kheda, State: Gujarat.

2) Sample: The sample for the present study was drawn from the Arts and Science college students located in the town of Kapadwanj. District: Kheda, State: Gujarat. The samples consisted of 50 Boys (25 Arts branch student 25 science branch student) 50 Girls (25 Arts branch student 25 science branch student) .

3) Variables:

➤ Independent Variable:

1) Gender

2) Which branch do you study?

➤ Dependent Variable:

1) Environmental Attitudes.

4) Tools: In the present study measure the Environmental Attitudes. “Environmental attitudes Scale (EAS-TH Scale) by Dr. Haseen Taj (1981- Bangalore) was used which is very reliable scale.

STATISTICAL TECHNIQUE:

Man-Whitney “U” test was applied to know the significant difference between Environmental Attitudes level of Gender and which branch do you study?

RESULT AND DISCUSSION:

Table – 1

Environmental Attitudes of Arts branch boys and Arts branch girls

GROUP	N	RANK	U	Z	LEVEL OF SIGNIFICANT
BOYS	25	579	371	0.77	NS
GIRLS	25	665	285		

Table – 2

Environmental Attitudes of Science branch boys and Science branch girls

GROUP	N	RANK	U	Z	LEVEL OF SIGNIFICANT
BOYS	25	672	278	0.97	NS
GIRLS	25	589	361		

Table – 3

Environmental Attitudes of Arts branch boys and Science branch boys

GROUP	N	RANK	U	Z	LEVEL OF SIGNIFICANT
Arts Branch Boys	25	437	513	4.54	0.01
Science Branch Boys	25	479	471		

Table – 4

Environmental Attitudes of Arts branch Girls and Science branch Girls

GROUP	N	RANK	U	Z	LEVEL OF SIGNIFICANT
Arts Branch Girls	25	423	527	4.62	0.01
Science Branch Girls	25	476	474		

Table – 1

Shows Environmental Attitudes of Arts branch boys and Arts branch girls. For Arts branch boys obtained rank number is 579 and Arts branch girls obtained rank number is 665. U for Arts branch boys 371 and for Arts branch girls 285 for both groups Z value is 0.77 and its level is not significant.

Table – 2

Shows Environmental Attitudes of Science branch boys and Science branch girls. For Science branch boys obtained rank number is 672 and Arts branch girls obtained rank number is 589. U for Science branch boys 278 and for Science branch girls 361 for both groups Z value is 0.97 and its level is not significant.

Table – 3

Shows Environmental Attitudes of Arts branch boys and Science branch boys. For Arts branch boys obtained rank number is 437 and Science branch boys obtained rank number is 479. U for Arts branch boys 513 and for Science branch boys 479 for both groups Z value is 4.54 and its level of significant is 0.01.

Table – 4

Shows Environmental Attitudes of Arts branch girls and Science branch girls. For Arts branch girls obtained rank number is 423 and Science branch girls obtained rank number is 476. U for Arts branch girls 527 and for Science branch girls 474 for both groups Z value is 4.62 and its level of significant is 0.01.

DISCUSSION:

Table – 1

With reference to the hypothesis No.1 the result indicates. The Environmental Attitudes between Arts branch boys and Arts branch girls. The result shows that there is a no significant difference between the mean of scores of Arts branch boys and Arts branch girls. It can be interpreted that is no effect of gender on Environmental Attitudes. That's why the fact of hypothesis is accepted.

Table – 2

With reference to the hypothesis No.2 the result indicates. The Environmental Attitudes between Science branch boys and Science branch girls. The result shows that there is a no significant difference between the mean of scores of Science branch boys and Science

branch girls. It can be interpreted that is no effect of gender on Environmental Attitudes. That's why the fact of hypothesis is accepted.

Table – 3

With reference to the hypothesis No.3 the result indicates. The Environmental Attitudes between Arts branch boys and Science branch boys. The result shows that there is a significant difference in the Environmental Attitudes. For the Science branch boys rank is more value, and “Z” value is significant at 0.01 levels, it means level of Environmental Attitudes is more in Science branch boys then Arts branch boys. The reason for more Environmental Attitudes in Science branch boys to by studying subject like Chemistry, Physics and Mathematics student of the science branch boys can understanding better than students of arts branch what factors or effects cause pollution in the environment and how important the environment is our lives which leads to Environmental Attitudes, etc. May be effect to Science branch boys Environmental Attitudes. So we reject Hypothesis No.3

Table – 4

With reference to the hypothesis No.4 the result indicates. The Environmental Attitudes between Arts branch Girls and Science branch Girls. The result shows that there is a significant difference in the Environmental Attitudes. For the Science branch Girls rank is more value, and “Z” value is significant at 0.01 levels, it means level of Environmental Attitudes is more in Science branch girls then Arts branch girls. The reason for more Environmental Attitudes in Science branch girls. We have concluded that reason behind girls in the science branch have a greater understanding of the importance of the environment. They also understand the negative effects of pollution and the need for a good environment.etc. My be effect to Science branch Girls. We rejected Hypothesis No.4

CONCLUSION:

- There is no significant difference between Arts branch boys and Arts branch girls regarding Environmental Attitudes.
- There is no significant difference between Science branch boys and Science branch girls regarding Environmental Attitudes.
- There is a significant difference between Arts branch boys and Science branch boys regarding Environmental Attitudes. It means the level of Environmental Attitudes is more in Science branch boys than Arts branch boys.
- There is a significant difference between Arts branch girls and Science branch girls regarding Environmental Attitudes. It means the level of Environmental Attitudes is more in Science branch girls than Arts branch girls.

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