

# Creativity in Relation to Environmental Awareness in Birbhum District: An Analytical Study



## Education

**KEYWORDS :** Creativity, Environmental Awareness, Coefficient of Correlation

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### ABSTRACT

*The present study was conducted to provide information and relation between creativity and environmental awareness in Birbhum District, West Bengal. Data was collected 300 secondary students of Birbhum District in West Bengal, by randomly. The result revealed that 1) creativity is positively related with environmental awareness, 2) boys and girls students do not differ significantly in their creativity, 3) boys and girls students are not differ significantly with regard to environmental awareness.*

#### CONCEPT OF CREATIVITY:

Creativity is a process of being sensitive to problems, deficiencies, gaps in knowledge, missing elements, disharmonies, and so on i.e. identifying the difficulty; searching for solutions, making guesses, or formulating hypothesis about the deficiencies; testing and retesting these hypothesis and possibly modifying and retesting them; and finally communicating the results. (Torrance)

#### CONCEPT OF ENVIRONMENTAL AWARENESS:

Environmental Awareness envisions the increasing of awareness and understanding of the environment through education. Most of our population is not aware of our finite resources and how quickly they are being used up. By its very definition "awareness" means "having knowledge or cognizance". The main goal of many environmental groups today is to increase awareness because that is the only way to develop a more sustainable world. Accordingly, all environmental awareness must begin with education (Envirowiki).

#### OBJECTIVES OF THE STUDY:

- 1) To study the relationship between Creativity and Environmental Awareness.
- 2) To study the relationship between boys and girls in regards to Creativity
- 3) To study the relationship between boys and girls in regards to Environmental Awareness

#### HYPOTHESES OF THE STUDY:

- 1) There is a significant relationship between Creativity and Environmental Awareness.
- 2) There is a significant relationship between boys and girls in regards to Creativity
- 3) There is a significant relationship between boys and girls in regards to Environmental Awareness.

#### DELIMITATION OF THE STUDY:

It is not possible for a researcher to study a set of phenomena at all levels and from all possible angle. Therefore, the investigator focused on the variables Creativity and Environmental Awareness only in Secondary School students in Birbhum District, West Bengal.

#### SAMPLE

The sample for the present study was drawn from Higher Secondary schools in Birbhum District of West Bengal.

#### SAMPLING

The random sampling method was used to draw the sample of 300 from Higher Secondary School of Birbhum District. Total eight schools were selected randomly as a sample for the collection of data.

#### TOOLS:

- I. Torrance Test of Creative Thinking (TTCT) (Bengali version made by Prof. D. Kundu) was used for measuring Creativity.
- II. Environmental Awareness Measurement Scale developed

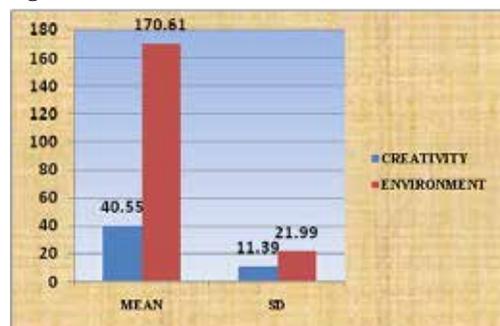
by the Researcher was used for measuring Environmental Awareness.

#### RESULT AND DISCUSSIONS:

**Table No: 1**  
**Correlation between Creativity & Environmental Awareness**

	Creativity	Environmental Awareness
Creativity	1	0.624**
N	300	300
Environmental Awareness	0.624**	1
N	300	300

**Fig: 1**

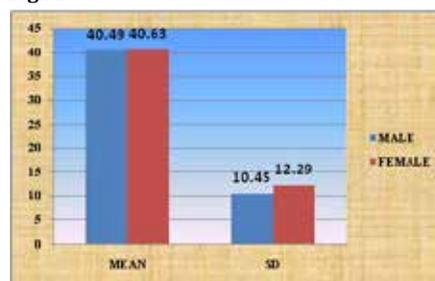


The mean value of creativity and environmental awareness of secondary school students are 40.55 & 170.61 respectively and SD are 11.39 & 21.99 respectively. Table 1 indicates that the calculated coefficient of correlation value between creativity and environmental awareness is 0.624. Thus, it is obvious that there is a strong positive correlation between creativity and environmental awareness. Hence, the hypothesis no 1 is retained.

**Table No: 2**  
**Correlation between Male and Female of Creativity**

	Male	Female
Male	1	-0.120
N	150	150
Female	-0.120	1
N	150	150

**Fig: 2**



The mean value of creativity of male and female students is 40.49 & 40.63 and SD is 10.45 & 12.29 respectively. Table 2 indicates that the coefficient of correlation value between male and female students with regards to creativity is -0.120. Thus, it is obvious that there is a negative correlation between male and female students with regards to creativity. Hence, the hypothesis no 2 is rejected.

**Table No: 3**  
**Correlation between Male and Female of Environmental Awareness**

	Male	Female
Male	1	-0.021
N	150	150
Female	-0.021	1
N	150	150

**Fig.: 3**



The mean value of environmental awareness of male and female students is 170.51 & 170.72 and SD is 20.16 & 23.75 respectively. Table 3 indicates that the coefficient of correlation value between male and female students with regards to environmental awareness is -0.021. Thus, it is obvious that there is a negative negligible correlation between male and female students with regards to environmental awareness. Hence, the hypothesis no 3 is rejected.

**FINDINGS OF THE STUDY:**

- Creativity is positively and highly related with Environmental Awareness.
- There is no such difference observed between Male and Female students with regard to Environmental Awareness
- Male and female students do not differ significantly in their Creativity.

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