



## Values of Arts and Science Stream Teachers at Secondary Level: A Comparative Study

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### Abstract

The teacher is the pivot on whom the entire educational system revolves. Teachers must be reflective practitioners who should be aware of their own moral values. There is a growing awareness of the need based education, industry, business politics etc. value based education particularly is the best guarantee of ensuring and establishing. The purpose of the study was to understand the difference of art and science stream teachers in relation to their values. We found that Religious values, Social values, Aesthetic values, Economic values, Hedonistic values, are same in both streams teachers and Democratic, Knowledge, Power, and Democratic values of arts and science stream teachers are differ to each other.

**Key Words:** Arts Stream, Science Stream, Secondary Level

### 1. Introduction:

Teachers play the most important role in education. They are said to be the builders of a nation. Teacher is the central log in the machinery of education. The quality and worth of teachers determines the quality of education teaching facilitates learning. Learning is a complex phenomenon that has been explained differently.

Education in its holistic approach serves many purpose. It enables to stretch his potentialities for welfare of self, family and society. Education enthuses the individual with responsibility of developing and sustaining a just socio-economic system, conserving and

The teacher of 21st century should remember that the student of today will shape the new tomorrow and the values we inculcate in them today will show the future of our world. The teacher must be equipped with the knowledge and skills. They radiate ethical values as much through who say as through what he is.

“Values are not taught caught.” Today we want ethical values oriented teacher education, to mould the prospective teachers to become well versed with, who can in turn change the whole world of tomorrow. Only such teachers can bring a desirable change among the children.

#### 1.1 Need of the Study:

Teacher occupies an important role in the society. Teachers are the top most persons in the professional pyramid because they mould the future generation. The whole process of education is shaped and moulded by the human personality called the teacher who plays a pivotal role in any system of education. Teachers have the potential to mould the tender minds of students so that they became good citizen and good human beings.

Teachers are to be considered as the ultimate agent for the realization of ideals, aims and objectives of education. Teachers must be reflective practitioners who are aware of their own moral values. The teacher strives to create morally-sound teachers. Teacher may need to shift the focus of their courses to make ethical, social, political, moral and economic values.

#### 1.2 Objective of the Study:

1. To study the values of Secondary School Teachers.
2. To find out the difference in the values of Art and Science Stream secondary school teachers.

### 1.3 Hypothesis:

1. There is no significance difference in the Religious values of arts and science stream teachers.
2. There is no significance difference in the Social values of arts and science stream teachers.
3. There is no significance difference in the Democratic values of arts and science stream teachers.
4. There is no significance difference in the Aesthetic values of arts and science stream teachers.
5. There is no significance difference in the Economic values of arts and science stream teachers.
6. There is no significance difference in the Knowledge values of arts and science stream teachers.
7. There is no significance difference in the Hedonistic values of arts and science stream teachers.
8. There is no significance difference in the Power values of arts and science stream teachers.
9. There is no significance difference in the Family Prestige values of arts and science stream teachers.
10. There is no significance difference in the Health values of arts and science stream teachers.

### 2. Research Methodology:

Normative survey method was used.

#### Sample:

The sample of the study consisted of 200 teachers of secondary schools of Bilaspur District Chhattisgarh. Random sampling technique was adopted to select the sample of the study.

#### Tool:

Personal Values Questionnaire by Dr. (Mrs.) G.P.Sherry and Dr.R.P. Varma has been used for collecting data.

#### Statistical Techniques Used:

Mean, frequency distribution, Standard deviation and t ratio were used for analysis and interpretation of data.

### 3. Result & Discussion:

Table - 1

There is no significance difference in the Religious values of arts and science stream teachers.

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	11.14	2.90	0.14
Science Stream	100	11.08	2.86	

Table indicates the means, S.D. and t value of art and science stream teachers on religious values awareness.

1-Art Stream teachers mean is 11.14, S.D. is 2.90 and t value is 0.14

2-Science stream teachers mean is 11.08, S.D. is 2.86 and t value is 0.14 at 0.05 level. This is not significant. There is no significance difference in the Religious values of arts and science stream teachers. Therefore the null hypothesis is accepted.

Table - 2

There is no significance difference in the Social values of arts and science stream teachers.

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	13.72	2.85	0.17
Science Stream	100	11.56	2.65	

Table indicates the means, S.D. and t value of art and science stream teachers on social values awareness.

1-Art Stream teachers mean is 13.72, S.D. is 2.85 and t value is 0.17

2-Science stream teachers mean is 11.56, S.D. is 2.65 and t value is 0.17 at 0.05 level. This is not significant. There is no significance difference in the social values of arts and science stream teachers. Therefore the null hypothesis is accepted.

Table - 3

There is no significance difference in the Democratic values of arts and science stream teachers.

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	15.25	2.80	2.35
Science Stream	100	14.55	3.40	

Table indicates the means, S.D. and t value of art and science stream teachers on Democratic values awareness.

1-Art Stream teachers mean is 15.25, S.D. is 2.80 and t value is 2.35

2-Science stream teachers mean is 14.55, S.D. is 3.40 and t value is 2.35 at 0.05 level. This is significant. There is no significance difference in the Democratic values of arts and science stream teachers. Therefore the null hypothesis is not accepted.

**Table - 4**  
**There is no significance difference in the Aesthetic values of arts and science stream teachers.**

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	13.05	3.15	2.00
Science Stream	100	11.10	2.95	

Table indicates the means, S.D. and t value of art and science stream teachers on Aesthetic values awareness.

1-Art Stream teachers mean is 13.05, S.D. is 3.15 and t value is 2.00

2-Science stream teachers mean is 11.10, S.D. is 2.95 and t value is 2.00 at 0.05 level. This is not significant. There is no significance difference in the Aesthetic values of arts and science stream teachers. Therefore the null hypothesis is accepted.

**Table - 5**  
**There is no significance difference in the Economic values of arts and science stream teachers.**

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	10.40	3.60	1.72
Science Stream	100	12.60	3.95	

Table indicates the means, S.D. and t value of art and science stream teachers on Economic values awareness.

1-Art Stream teachers mean is 10.40, S.D. is 3.60 and t value is 1.72

2-Science stream teachers mean is 12.60, S.D. is 3.60 and t value is 1.72 at 0.05 level. This is not significant. There is no significance difference in the Economic values of arts and science stream teachers. Therefore the null hypothesis is accepted.

**Table - 6**  
**There is no significance difference in the Knowledge values of arts and science stream teachers.**

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	11.50	2.82	2.32
Science Stream	100	12.74	3.24	

Table indicates the means, S.D. and t value of art and science stream teachers on Knowledge values awareness.

1- Art Stream teachers mean is 11.50, S.D. is 2.82 and t value is 2.32

2-Science stream teachers mean is 12.74, S.D. is 3.24 and t value is 2.32 at 0.05 level. This is significant. There is no significance difference in the Knowledge values of arts and science stream teachers. Therefore the null hypothesis is not accepted.

**Table - 7**  
**There is no significance difference in the Hedonistic values of arts and science stream teachers.**

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	12.43	2.23	1.04
Science Stream	100	12.18	2.73	

Table indicates the means, S.D. and t value of art and science stream teachers on religious Hedonistic values awareness.

1-Art Stream teachers mean is 12.43, S.D. is 2.23 and t value is 1.04

2-Science stream teachers mean is 12.18, S.D. is 2.23 and t value is 1.04 at 0.05 level. This is not significant. There is no significance difference in the Hedonistic values of arts and science stream teachers. Therefore the null hypothesis is accepted.

**Table - 8**  
**There is no significance difference in the Power values of arts and science stream teachers.**

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	09.22	2.92	2.83
Science Stream	100	7.95	3.15	

Table indicates the means, S.D. and t value of art and science stream teachers on Power values awareness.

1-Art Stream teachers mean is 09.22, S.D. is 2.92 and t value is 2.83

2-Science stream teachers mean is 7.95, S.D. is 3.15 and t value is 2.83 at 0.05 level. This is significant. There is no significance difference in the Power values of arts and science stream teachers. Therefore the null hypothesis is not accepted.

**Table - 9**  
**There is no significance difference in the Family Prestige values of arts and science stream teachers.**

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	13.56	3.59	2.65
Science Stream	100	11.25	3.06	

Table indicates the means, S.D. and t value of art and science stream teachers on Family Prestige values awareness.

1-Art Stream teachers mean is 13.56, S.D. is 3.59 and t value is 2.65

2-Science stream teachers mean is 11.25, S.D. is 3.06 and t value is 2.65 at 0.05 level. This is significant. There is no significance difference in the Family Prestige values of arts and science stream teachers. Therefore the null hypothesis is not accepted.

**Table - 10**  
**There is no significance difference in the Health values of arts and science stream teachers.**

Group	No. of Teachers	Mean	S.D.	t value
Arts Stream	100	10.07	3.42	1.77
Science Stream	100	11.68	3.52	

Table indicates the means, S.D. and t value of art and science stream teachers on Health values awareness.

1-Art Stream teachers mean is 10.07, S.D. is 3.42 and t value is 1.77

2-Science stream teachers mean is 11.68, S.D. is 3.52 and t value is 1.77 at 0.05 level. This is not significant. There is no significance difference in the Health values of arts and science stream teachers. Therefore the null hypothesis is accepted.

#### 4. Findings:

Democratic values of arts and science stream teachers are differ to each other arts stream teachers have more democratic values in comparison to science stream teachers.

Knowledge values of arts and science stream teachers are differ to each other science stream teachers have more Knowledge values in comparison to art stream teachers .

Power values of arts and science stream teachers are differ to each other art stream teachers have more Power values in comparison to science stream teachers.

Family Prestige values of arts and science stream teachers are differ to each other art stream teachers have more Family Prestige values in comparison to science stream teachers.

In case of Religious values, Social values, Aesthetic values, Economic values, Hedonistic values, Health values the difference between two means of arts and science stream teachers is not significant.

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