# STUDY OF COMPUTER ATTITUDE OF D.T.ED. STUDENT TEACHERS

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**Abstract**

*In this study an attempt has been made to study computer attitude of D.T.Ed. Student Teachers. Standardized stress scale by Dr. Tahira khatoon & Manika sharma has been used for the Present study to measure computer attitude of D.T.Ed. Student teacher.The random sample technique has been followed to data collection. The sample includes 100 male & female student teacher of degree college of Education. For purpose of analysis and interpretation of data, descriptive and inferential statistical techniques like Mean, S.D., Skewness , kurtosis, correlation & t-test were used. Major findings of the study were i) There is no significant difference in computer attitude of D.T.Ed. Student Teacher of Male & female Trainee teacher. Ii) Attitude against computer of 43% student teachers found below average.*

*Keywords: - Computer attitude, Student teachers.*

**Background:-** Today we are all living in cyber world. World has become global village. Information of every incident happening in the world gets to all common man within few seconds. This is due to digitalization and computerization of each and every of common man of world. So in the world of computer, internet and cyber world it has become necessary to handle computer , laptop , internet and mobile to everyone . we have to say that in this world of digitalization our basic needs are changed. For example we are learnt that food , cloth and shelter are our basic needs. But now we have to say that with this three , information technology has become our basic needs. Even definition of literacy is also changed in current situation. Any person who have command on 3R's (Reading ,writing and arithmetic ) is not literate but who have command on computer with 3R's is literate. Every person has to do his daily routine works with the help of online on computer. So handling & working on computer is very important in our daily life for everyone.

**In digital world working on computer is mandatory to all means from child to old men.** Computer education is getting from KG . from children to old aged person also handles mobiles easygoingly but some student till try to keep away self from computer . They think we should be away from computer preferably. They wants to do their works by traditional methods . Some students use it or handle it for only educational forfit and not tries to get command on it. So computer attitude is very important to all in today's life. As D.T.Ed.

Student teacher are future of country if their self attitude towards handling computer is good then and then they can put ideal example in front of students . so researcher decided to do study on computer attitude of   D.T.Ed. Student teacher

**Importance of the Study:**

1) Due to this study we will get information     about computer attitude of D.T.Ed. Student teacher

2) Due to this study we will get information about whether there is s a significant difference in the mean score of computer attitude between

 a) Male and female D.T.Ed. Student teacher

b) Arts & Science faculty's D.T.Ed. Student teacher of

**Operational Definitions of key terms :-**

**Computer attitude :- score achieved by**   D.T.Ed. Student teacher after filling computer attitude scale of Dr. Tahira khatoon & Manika sharma

**Student Teachers**: - One who is enrolled or attend the class of Teacher training diploma of Education (B.Ed.), after completing H.S.C.

**Objectives:-**

**1)** To Measure the level computer attitude of D.T.Ed. Student teacher

**2)** To Measure the level of computer attitude of Male D.T.Ed. Student teacher

**3)** To Measure the level of computer attitude female D.T.Ed. Student teacher.

4) To Measure the level of computer attitude of D.T.Ed. Art faculty Student teacher

5) To Measure the level of computer attitude of D.T.Ed. science faculty Student teacher

**Hypothesis:-**

The hypothesis set for the study was as follow:-

**1)** There exists a significant difference in the spiritual intelligence of

a) Male and female D.T.Ed. Student teacher.

Arts & Science faculty's D.T.Ed. Student teacher.

**Method:-**The Methodology adopted for measuring spiritual intelligence of Trainee Teacher's of Teacher Education is **Normative Survey Method**.

**Tools:-**

The following tools is used to measure computer attitude

Standardized computer attitude scale constructed & validated by Dr. Tahira khatoon & Manika sharma was used for the present study to measure the computer attitude of D.T.Ed. Student teacher.

- Validity & reliability of test is 0.93& 0.98

**Sample: -** The Present study was conducted on a total sample of 100 D.T.Ed. Student teacher.

of training colleges at Yeola. dist. Nashik (Maharashtra state). The sample was selected using stratified random sampling technique giving due representation to both the sexes (male and female) and the faculty of junior collegr ( Arts and Science)

**Analysis & Interpretation : -**

A preliminary analysis had done to see whether the dependant variable computer attitude is normally distributed. Important statistical constant such as Mean, Standard Deviation, kurtosis, Skewness, Correlation & 't' value were computed for the total sample. Summary of statistical details presented in table no.1

**Table -1 Computer attitude level of Trainee Teachers**

| Group | No. | Computer attitude Level | | | | | |
| | | Ex. High | Above Ave. | Ave. | Below Ave. | Low | Ex. Low |
|---|---|---|---|---|---|---|---|
| | 100 | 00 | 05 | 16 | 43 | 25 | 11 |
| Male | 25 | 00 | 01 | 01 | 10 | 07 | 06 |
| Female | 75 | 00 | 15 | 15 | 33 | 18 | 05 |
| Art | 88 | 00 | 10 | 10 | 42 | 22 | 09 |
| Scien | 12 | 00 | 07 | 07 | 03 | 02 | 00 |

In Table No.1 computer attitude level of D.T.Ed. Student teacher is shown. While considering computer attitude of whole & other sub group it has been found attitude against computer of 43% D.T.Ed. Student teacher is below average. Not single student teacher found having extra high computer attitude. While considering computer attitude of other subgroup near about 50% student Percentage of D.T.Ed. Student teacher of female and Art group have below average computer attitude. Only D.T.Ed. Student teacher from science faculty having computer attitude at average level.

**Table -2 Mean, S.D., Sk. & Ku. Of computer attitude of D.T.Ed. Student teacher**

| Group | N | Mean | S.D. | S.K. | Ku |
|---|---|---|---|---|---|
| Whole | 100 | 75.35 | 7.77 | 0.019 | 0.359 |
| Male | 25 | 73.2 | 7.52 | 0.354 | 0.235 |
| Female | 75 | 76.93 | 6.90 | 0.219 | 1.545 |
| Arts | 88 | 75.12 | 7.162 | 0.261 | 0.961 |
| Science | 12 | 80.5 | 5.78 | 0.23 | 0.328 |

In Table No. 2 Mean, Standard deviation, skewness & kurtosis of computer attitude of D.T.Ed. Student teacher. Mean of computer attitude of whole group is 75.35. while considering mean of computer attitude of sub groups it has been found that mean of art category group is 80.5 which is higher than rest of other group. And mean of male group is 73.2 which is lower than all other group. Regarding Standard deviation of computer attitude of D.T.Ed. Student teacher ; It has been found that group of science category D.T.Ed. Student teacher is homogenous while whole group of D.T.Ed. Student teacher found heterogeneous.

The value obtained for Skewness for whole with other like male, female, science and art group is positive & value for kurtosis for whole with other sub group are below the standard value 0.263 this means that distribution of D.T.Ed. Student teacher is like leptokurtic curve.

**Table No 3  Testing of Hypothesis - – Significance of difference between the Mean score of Spiritual Intelligence**

| Group | N | M | Ϭ (S.D.) | t- Value (0.05) level |
|---|---|---|---|---|
| Female | 75 | 76.934 | 6.90 | 2.196 * |
| Male | 25 | 73.2 | 7.52 | |
| science | 12 | 80.5 | 5.78 | |
| Art | 88 | 75.125 | 7.162 | 2.93* |

∗ -level of Significance at 0.05

In table no. 7'**t**' value is calculated regarding computer attitude score of the of D.T.Ed. Student teacher various group. significant difference was found in computer attitude level score of the of D.T.Ed. Student teacher in male, female & other group of the trainee teachers. This means that null hypothesis is rejected and there is significance difference in computer attitude of the of D.T.Ed. Student teacher **Findings:-**

1) Attitude against computer of 43% student teachers found below average.

2) Not single student teacher found having extra high computer attitude.

3) Group of science category D.T.Ed. Student teacher is homogenous.

4) There exist significant difference in the score of computer attitude of D.T.Ed. Student teacher various group.

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