



**ORIGINAL RESEARCH PAPER**

**Education**

**A STUDY ON INTERNET KNOWLEDGE AND COMPUTER ATTITUDE IN HIGHER SECONDARY COMMERCE STUDENTS**

**KEY WORDS:** Internet knowledge, computer attitude

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**ABSTRACT**

A student can get enormous information from all through the world, just sitting before the computer. Since Internet is being widely used in all walks of life, the researcher is interested in studying Internet knowledge and computer attitude of higher secondary commerce students in Thirunelveli District. He followed the normative survey method and stratified random sampling method for the present study. He calculated Descriptive Analysis and Pearson's product moment correlation. He used standardized tools in Internet knowledge and computer attitude. He tested the formulated hypotheses and given their findings.

**Introduction**

Internet has a lot of applications, it is necessary for the higher secondary commerce students to have the knowledge of Internet. By making use of their knowledge, they can contribute a lot in their subject. Also their progress in academic life depends on how much knowledge they have in using the Internet effectively. In other words, in the IT world, student's academic growth mainly depends on the Internet knowledge they possess. Therefore, the present study is needed.

**NEED AND SIGNIFICANCE OF THE STUDY**

The onslaught of the Internet will change the very definition at good teaching. The globalization has certainly made the world a smaller place. Obviously the Internet is very efficient tool, the mastery of the use of which will help students to sail into the future era. One thing that Internet is to put people is touch with one another. The ability to share information is one of the significant features of the Internet. In the field of education it helps to get, day today information soon with the help of that, one can read, can improve various skills like writing, typing etc., a student can get enormous information from all through the world, just sitting before the computer.

**STATEMENT OF THE PROBLEM**

A Study on Internet Knowledge and Computer Attitude in Higher Secondary Commerce Students

**OBJECTIVES OF THE STUDY**

1. To find out the internet knowledge of higher secondary commerce students.
2. To find out the computer attitude of higher secondary commerce students.
3. To find out if there is any significant relationship between internet knowledge and computer attitude of higher secondary commerce students.

**HYPOTHESES OF THE STUDY**

1. The level of internet knowledge of higher secondary commerce students is high.
2. The level of computer attitude of higher secondary commerce students is high.
3. There is no significant relationship between internet knowledge and computer attitude of higher secondary commerce students.

**METHOD OF THE STUDY:**

In the present study the investigator followed the normative survey method.

**SAMPLE OF STUDY**

A sample of 300 students had been drawn by stratified random sampling method for the present study.

**STATISTICAL TECHNIQUES EMPLOYED**

**A. Descriptive Analysis**

- i) Measures of central tendency (mean)
- ii) Measures of variability (Standard deviation)

**B. Correlation Analysis**

Pearson's product moment correlation

**TOOL USED IN THE STUDY**

- a. Internet Knowledge scale constructed and validated by the author Ishfaq Ahmad Bhat - 2012.
- b. Computer Attitude scale constructed and validated by the author Dr.Mrs. Tahira Khattoon and Manika Sharma.

**Reliability**

The reliability was found to be 0.726 by the test-retest technique. Thus the internet knowledge scale has validity and reliability. The estimate of Computer Attitude OF reliability by this formula yielded a coefficient to 0.93.

**Validity**

The tool used in this study, in order to measure internet knowledge has construct validity. Also the validity found by the author of this tool was 0.824. Differences in mean attitude scores were found between students having knowledge to access (Mean = 115.78, SD = 11.24) and not having knowledge to access to computer (Mean = 11132, SD = 10-69), which is highly significant (t = 3-02) at 0-01 level with 248 df.

S. No.	Variables	Category	No. of students	Mean	SD
1	Entire Sample		300	74.01	8.46

**DELIMITATIONS OF THE STUDY**

1. The study was conducted on the higher secondary commerce students.
2. The area of the present study is Thirunelveli District only.
3. The study has been restricted to a sample of 300 higher secondary commerce students.

**HYPOTHESIS - 1**

The level of internet knowledge of the higher secondary commerce students is high.

**Mean and standard deviation scores of Internet Knowledge of higher secondary commerce students.**

No.VariablesCategoryNo. of studentsMeanSD1Entire Sample30074.018.46The computed the mean and standard deviation of internet knowledge of higher secondary commerce students for the entire sample is found to be 74.01 and 8.46 respectively. The mid value for the internet knowledge is 20. The calculated mean value indicates that the higher secondary commerce students are having high level of internet knowledge. Therefore, the hypothesis is accepted. It is concluded that, the level of internet knowledge of higher secondary commerce students is high.

**HYPOTHESIS - 2**

The level of computer attitude of the higher secondary commerce students is high.

**Mean and standard deviation scores of Computer attitude of higher secondary commerce students**

S. No.	Variables	Category	No. of students	Mean	SD
1	Entire Sample		300	23.55	5.98

It is evident from the above table that the computed the mean and standard deviation of computer attitude of higher secondary commerce students for the entire sample is found to be 23.55 and 5.98 respectively. The mid value for the computer attitude is 60. The calculated mean value indicates that the higher secondary commerce students are having low level of computer attitude. Therefore, the hypothesis is rejected. It is concluded that, the level of computer attitude of higher secondary commerce students is low.

**HYPOTHESIS - 3**

There is no significant relationship between internet knowledge and computer attitude of higher secondary commerce students.

**Showing the table the correlation analysis in internet knowledge and computer attitude**

Variables	N	'r' value	Level of Significance
Internet knowledge and Computer attitude	300	0.321	Significant

It is evident from the table 4.15 the calculated 'r' value is found to be (0.321) which is significant at 0.01 level. So that the null hypothesis (3) is rejected. Hence, it is inferred that there is significant relationship between internet knowledge and computer attitude of higher secondary commerce students.

**FINDINGS OF THE STUDY:**

1. The level of internet knowledge of the higher secondary commerce students is high.
2. The level of computer attitude of the higher secondary commerce students is low.
3. There is significant relationship between internet knowledge and computer attitude of higher secondary commerce students.

**SUGGESTION FOR FURTHER RESEARCH**

1. The present study is confined to higher secondary commerce students. This study can be extended to all higher secondary students.
2. The study is limited to Thirunelveli district only. It can be extended to other districts also.

**CONCLUSION:**

The present study is conducted on internet knowledge and computer attitude at the higher secondary commerce students' level. The findings of the present study revealed that the internet knowledge is high level and the computer attitude of higher secondary commerce students is low. There is significant relationship between internet knowledge and computer attitude of higher secondary commerce students.

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