

## **Academic achievement of senior secondary school students in relation to their internet usage in Pulwama District of Jammu and Kashmir**

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***Abstract:** The current study examines senior secondary school students' academic achievement in connection to their internet usage while enrolled in senior secondary educational institutions. The descriptive survey research approach was used in this study. The study's major goal was to look into the impact of accessing the internet on senior secondary school students' academic achievement based on gender. The sample for this study included 300 students from senior secondary educational institutions in the Pulwama area of Jammu and Kashmir. The data was gathered using an Achievement Score Card and analyzed using the 't' test. The findings revealed a considerable difference in achievement scores between internet users and non-users.*

### **Introduction:**

The internet has now become an integral aspect of education, particularly for school-aged children. Today, it's difficult to understand how accessing the internet has benefited students. Younger generations now employ such technologies in the classroom, leaving their stamp on the educational scene. Previously, students learned about the world through books and their authorities; however, students in the twenty-first century are learning new concepts and adjusting to the new world through the use of the internet. Although the usage of the internet by undergraduate students has had a significant impact on their academic lives, it must be utilized responsibly and under the supervision of elders. Students use the internet to access various social networking sites for a variety of purposes.

**Key Words:** Internet; Academic Achievement; senior secondary school Students; Internet user and non-users.

### **Rationale of the study:**

The internet is now being utilized in a variety of ways to enhance education, productivity, communication, business, advertising, and marketing, among other things. Students in higher education use their smart phones for instructional purposes, course work, and other activities. Despite the fact that there are both positive and negative effects on the use of the internet by undergraduate students, the researcher has opted to do research on the subject. So the main goal of this research is to look into the impact of internet users and non-users from the Pulwama district of Jammu and Kashmir on their academic accomplishment.

**Operational definition of the terms used:**

**Internet usage:** Internet usage relates to the frequency, sites, devices, and search engines used to access the internet, as well as academic support, carrier information, safety and privacy, and financial assistance to utilize the internet.

**Academic achievement:** Academic achievement refers to the grades students received in their final Examination tests as a senior high school student.

**Objectives of the study:**

- To compare the academic achievement of Male and female senior secondary school students using and not-using internet.

**Hypothesis of the study:**

- There is no significant difference between the academic achievement of Male and female senior secondary school students using and not-using the internet.

**Research method:**

The researcher has applied descriptive research method with both qualitative and quantitative approach to investigate the problem.

**Population of the study:**

Students of senior secondary schools of District Pulwama of Jammu and Kashmir comprised as the population of this study.

### **Sample and sampling techniques:**

This study consisted of 300 senior secondary school students as sample which included 150 students using internet and 150 students' not-using internet. The students were selected by simple random sampling techniques.

### **Internet Usage Scale:**

To measure the internet usage of undergraduate students, Internet Usage Scale constructed by Shaloo Saini and Parminder Kour (2017) was used in this study.

### **Statistical Techniques Employed**

The statistical techniques used in the present study are: Mean, S.D., and t-test

### **Analysis and interpretation:**

#### **Academic achievement scores of Internet user and non-users in relation to Male students**

| <b>Serial number</b> | <b>Male</b>     | <b>Number</b> | <b>Mean</b>   | <b>Standard deviation</b> | <b>t value 6.01 significant at 0.05 level and 0.01 level</b> |
|----------------------|-----------------|---------------|---------------|---------------------------|--|
| <b>1</b>             | <b>User</b>     | <b>75</b>     | <b>224.63</b> | <b>30.17</b>              |  |
| <b>2</b>             | <b>Non user</b> | <b>75</b>     | <b>197.11</b> | <b>25.96</b>              |  |

In relation to Male students, Table (1) demonstrated substantial differences in academic achievement levels between internet users and non-users. The obtained' value (6.01) was found to be bigger than the table value (1.96) at the 0.05 level and the 0.01 level (2.58). As a result, the test is important. The null hypothesis was rejected, indicating that there was a significant difference in accomplishment scores between internet users and non-users in relation to Male students.

**Academic achievement scores of Internet user and non-users in relation to female students**

| Serial number | Female   | Number | Mean   | Standard deviation | t' value 4.13 significant<br>At 0.05 level and 0.01 level |
|---------------|----------|--------|--------|--------------------|---|
| 1             | User     | 75     | 224.63 | 30.17              |   |
| 2             | Non user | 75     | 197.11 | 25.96              |   |

In relation to female students, Table (2) demonstrated significant differences in academic achievement levels between internet users and non-users. The obtained' value (4.13) was found to be bigger than the table value (1.96) at the 0.05 level and the 0.01 level (2.58). As a result, the test is important. It was discovered that the null hypothesis was rejected, indicating that there was a substantial difference in accomplishment scores between internet users and non-users when it came to female students.

**Results:**

- The study also found significant difference between the academic achievement scores of Male internet user and non-user.
- The study also found significant difference between the academic achievement scores of female internet user and non-users.

**Discussion:**

The study's findings demonstrated that using the internet in education significantly enhances the academic achievement of senior secondary school students. When compared to students who do not use the internet, senior secondary school students who utilize the internet achieve greater success levels in their subject areas. The study does indicate, however, that there was a substantial difference in academic achievement levels between internet users and non-users in general.

**Suggestions for Further Research:**

- The study can further be extended to cover the whole students of District affiliated to JKBOSE and also other districts or states.
- The findings of the present study may be helpful for the new research scholars to conduct study on other aspects of using social media and social networking sites etc.
- Similar studies can be conducted between the rural and urban school students.

**Conclusion:**

The study revealed that in this constructivist era, internet is one of the greatest weapons to ensure quality in education by improving the academic achievement of undergraduate students to a great extent.

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