A Study Of Academic Achievement Of Senior Secondary School Students Of Haryana State In Relation To Their Facebook Usage

Abstract
This survey studies the relationship between academic achievement and facebook usage of adolescent school students of Haryana state. For the purpose a sample of 400 adolescent school students from various (randomly selected) schools were selected and obtained data was analysed by using mean, standard deviation and person’s (r) correlation techniques. Results reveal that academic achievement and facebook usage of adolescent school students were highly and significantly correlated with each other.

1. INTRODUCTION
Achievement is the motive drive behind all human activities. If there is no achievement, there would be no efforts. It can be considered as the pivotal force to provoke humans to put efforts and efforts are resulted in some output. In academic context, students, teachers, parents and organizations put efforts to obtain desired educational output. This output in academic context is called academic achievement. It can be obtained in any particular subject or aggregate in all subjects. Apart from subjects or academics, it also
can be considered in sports, acting, dance, drama etc. As there is a number of achievement types, there are also measures of achievement which are the parameters or levels to determine how much a person has achieved.

Academic achievement can be measured by a variety of tests, grades, marks, examinations, assessments etc. The most common method among all is examinations and marks or grades obtained. During school time, academic achievement is considered all above the academic activities. Parents, teachers and concerned are much worried for the academic achievement of their wards and students. They try to provide the best for students so that they can achieve the best. But there are so many functions and variables which affect students’ academic achievement viz. intelligence, interest, attitude, memory, wisdom, environment at home and school, general health and daily routine of the students, which is highly affected by technology. Now days, every school going child is technology user. Internet is common to use and easily available on cell phones and laptops. Children are exposed to computers right from the admission in schools. They are taught in smart classes and themselves use technology for their projects and other academic activities. Apart from the academic use, they also use and participate in social sites such as facebook, twitter, hike messenger, etc. India is the 2\textsuperscript{nd} largest facebook user in the world. 13 million users have been added on facebook within six months and now user base is reached to 125 million in India. Globally, it has 1.44 billion active users.

"India had always been a text-heavy market. This legacy, coupled with the attraction of connecting with like-minded people privately, is making the IM platforms perfect tool in our hands”. (Parijat Chakraborty, Executive Director, TNS India). Data produced on “Live mint” (an E-paper) says that top three social network sites are used daily by all internet users in India, Facebook is used by 51\% users, LinkedIn by 3\% and Snapchat by 1\% users. Facebook is the site used by the higher number of internet users in India. Now the question arises “does usage of facebook affect academic achievement of the school students?” The time spent on facebook is harmful or beneficial for school students, it is necessary to know because adolescent is the age when child finally shapes his/her personality and concepts. So the investigators took up the problem to examine the relationship between academic achievement and facebook usage of adolescent school students of Haryana state.

2. OBJECTIVES OF THE STUDY

I. To study the academic achievement of senior secondary school students of Haryana state.

II. To study facebook usage among senior secondary school students of Haryana state.

III. To study the relationship between academic achievement and facebook usage of senior secondary school students of Haryana state.

3. HYPOTHESIS

There is no relationship between academic achievement and facebook usage of adolescent school students of Haryana state.
4. RESEARCH PROCEDURE IMPLEMENTED

I. Method: Descriptive survey method was used to conduct the study.

II. Population: All adolescent students studying in school of Haryana state were the population of the study.

III. Sample: 400 students of Haryana are the sample of the study. 4 districts are selected from each zone of Haryana i.e. Sonepat from eastern zone; Sirsa from western zone; Panchkula from northern zone and Gurgaon from southern zone. A list of Sr. Sec. Schools was obtained from the concerned District Education Officer of district. Furthermore, 10 schools from each district were randomly selected, where 5 schools are randomly selected from rural area and 5 were selected from urban area. 10 students per schools were selected. Thus, 400 students of Haryana are the sample of the study.

IV. Variables Of The Study
- Dependent: Academic achievement
- Independent: Facebook usage.

V. TOOLS USED
- Annual result of class X was taken into consideration as academic achievement of adolescent school students of Haryana state.
- Facebook Intensity Scale by Ellison et al. (2007) was used to measure facebook usage.

VI. STATISTICAL TECHNIQUE USED
Data was analysed by using mean, standard deviation and Person’s Product Movement (r) test.

5. ANALYSIS AND INTERPRETATION

Obtained data was analyzed by using appropriate techniques. Results and findings are presented in the following tables and graphs:

Table – 1: Academic Achievement and Facebook usage of adolescent school students of Haryana state

<table>
<thead>
<tr>
<th>Variable</th>
<th>N</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Achievement</td>
<td>400</td>
<td>74.89</td>
<td>9.95</td>
</tr>
<tr>
<td>Facebook usage</td>
<td>400</td>
<td>23.52</td>
<td>10.92</td>
</tr>
</tbody>
</table>

Graph – 1
Table – 2: Relationship between academic achievement and Facebook usage of adolescent school students of Haryana state.

<table>
<thead>
<tr>
<th>Variables</th>
<th>N</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Achievement</td>
<td>400</td>
<td>.05**</td>
</tr>
<tr>
<td>Facebook usage</td>
<td>400</td>
<td></td>
</tr>
</tbody>
</table>

Above tables and graph present a quick view of the obtained results. Table – 2 shows a highly significant and positive correlation between academic achievement and Facebook usage of the subjects of present study. High academic achievers were found to be higher on Facebook usage score.

6. CONCLUSION

On the basis of above results, it can be concluded that academic achievement and Facebook usage of the subjects are positively and significantly correlated. Facebook usage may contribute in academic achievement but the subject of further exploration.

7. DELIMITATION OF THE STUDY

Present study was delimited to:

i.) 400 adolescent school students of Haryana state.
ii.) Only two variables – academic achievement and Facebook usage.
iii.) Dimensions measured by selected tools.

8. EDUCATIONAL IMPLICATIONS

Present study has valuable implications in the field of education and technology.

i.) For Teachers:- Positive correlation between Facebook usage and Academic Achievement indicates that use of technology makes students more aware and more knowledge seeker, which contributes in achieving more academic achievement. Teachers should provide chances to the students to use technology and should encourage them to be more techno friendly. Teachers may guide the students to take the help of technology in their project works and assignments.

ii.) For Parents:- Parents are seen worried on seeing their wards using internet and social sites. But the present study reveals positive effect of using technology with academics.

iii.) For Policies makers:- The policies makers and curriculum developers can include technology in their policies, strategies and curriculum in such a way that students can use technology and social sites to enhance their knowledge.

9. REFERENCES

[2] tech.finspost.com>News & Analysis