

# A Study On Internet Use By Students And Their Academic Achievements In The Present Education System

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**Abstract:** *Technology has changed the present education system in India. Internet has provided access to social networking sites such as Facebook, twitter, educational websites which are very popular among all college or university going students. It is well known that success in academic is very necessary for students to get in to higher studies. The low academic achievement in exams is mostly due to the social networking that can be easily found on this kind of site. The current research paper explores the correlation between student's academic performance and internet usage. Our finding shows that the marks obtained by these students during the semester examination are very poor. The present study also indicated the heavy internet usage by students (up to six hour) which could be correlated with their low academic achievements. It is suggested that a healthy balance between study and internet use has a positive impact on academic performance but excessive use of internet can be harmful for academic achievement.*

**Keywords:** *Academic performance, Education, Examination, Internet use, Website*

## I. INTRODUCTION

During ancient time, in India the education system was very unique and with high qualities. This type of system can't be found anywhere in the world. This system had great success because of a healthy and live relationship between teachers and students. Teachers passed on their knowledge to their student by three methods:

- ✓ *Sravana*: means knowledge is gained by listening to teacher.
- ✓ *Manana*: It means that after listen the lesson taught by teacher it's the time for student to think and analyse and make their own interpretations.
- ✓ *Nidhyasana*: The meaning of this word is whatever they learnt by their teacher they have to use it into real life [1].

In the present time, technology has changed manner of teaching. In ancient time students had to travel to their Gurukul (Teaching centre) to obtain the precious knowledge, however, today internet has become major source of information. Even formal learning is also easily available online. On the one hand, e-mail has helped in better

connectivity with people across globe and hence sharing of knowledge and information thus their time is consumed significantly [2]. On the other hand, internet has also provided access to social networking sites such as Facebook, twitter which are very popular among all age groups but college or university going students are crazy about these social network they can be easily found on these kind of site [3]. It was found that the students of age group 18-29 years have accounts on facebook and they use it daily [4]. It was also observed that beside facebook students also spend their time on Instagram, Snapchat, and Twitter on daily basis [5]. Students approximately spend 2 to 3 hours online a day, 80 percent of that time on social media [6].

Internet has both positive and negative effects. It also affects their academic performance and social life [7, 8]. Internet use affects student's ethics, behaviours, culture, language and physical and psychological health [9]. They also found that youngsters of age 16-25 years uses internet just for enjoyment. It was suggested that students are more distracted by online activity and they spend less time on their studies [10]. It is well known that success in academic is very

necessary for students to get in to higher studies. The low academic achievement in exams as “Low or weakness of the student's mark under the normal average in a study subject level as a result of a variety of reasons, including those related to the student himself, or those related to family, social and academic environment.” This low performance may lead to frequently failure [11]. Aim of the present study is to identify the causes and results of low academic achievement from students in current era. We also tried to provide the suitable solutions of this increasing problem.

## II. RESEARCH METHODOLOGY

Total 120 local students of the age 17-20 years were selected for the present study. For the current research paper we have designed a questionnaire to evaluate the relationship between internet use by students and their academic performance. The questions in questioners are as following:

- ✓ What is your age?
- ✓ What is your gender?
- ✓ Do you know how to use computer?
- ✓ Do you use internet?
- ✓ Where do you use internet more?
- ✓ How frequently do use the internet?
- ✓ How much time per day you spend on internet?
- ✓ For what you use internet?
- ✓ How many times you use internet for e-mail in a week?
- ✓ Do you use online chatting?
- ✓ Your web searching is primarily related for what? (Educational research/ Shopping/ For product related information)
- ✓ Do you use internet just for time pass? (Communication with friends/ Other; not by e-mail)
- ✓ How much time you spend on social media?
- ✓ Do you use internet for watching movies or videos?
- ✓ Do you use books or newspaper for study purpose?
- ✓ How much time you spend on reading your study books/ Journals?
- ✓ How much marks you get at the end of term exams? (0-20 marks; 20-40 marks; 40-60 marks; 60-80 marks; 80-100 marks)
- ✓ How much time you spend personally with your parents/ friends?
- ✓ How many time you interact with your relatives/ neighbours in a week?
- ✓ What do you think about internet effects on your study? (Positive/ Negative)
- ✓ Do you have exam fear?
- ✓ According to you what are the reasons for this exam's anxiety?

## III. ANALYSIS OF SURVEY QUESTIONNAIRE

In the present research survey we found that students use internet for different activities and studies. They used the websites approximately one to six hours (Table 1; Graph 1) per day for different kind of activities like studies, document writing, movies and videos, internet surfing for shopping,

online games, e-mails, online chatting and creating presentations.

Students reported that due to all above activities they have less time to spend with their family. They live with their parents in same house but they don't spend their time with parents or sibling due to these activities. In our survey we found that 30% students spent almost 4 hours with family whereas 10% student told that they have just 1 hour for family (Table 1; Graph 2).

In questioner student answered that they spent their time in study too but they have their phone with them while studying. Due to these online messages and phone calls they are distracted by their academic activity. 20% student told that they spend 30 minutes daily for their study but they are unable to fully concentrate on study due to their phone/ internet. 35% students manage approximately 40 minutes for academic purpose. 8% students give 1 hour (60 minutes) to their study. Only 2% students spend 3 hours (180 minutes) for studies (Table 2; Graph 3).

After survey we found that highest number of students used this technology for watching movies and videos and for chatting on social media (90% Students) followed by online shopping (80%). Only 30% students uses internet for educational purpose to prepare study documents or reports and class activities. 4% students reported that they use internet for clarifying doubts about topics or grammar (Table 2; Graph 4).

Present study also revealed the marks obtained by students during the semester examination. 30 % students scored 0-20 marks, 40% students scored 20-40 marks, 20 % students scored 40-60 marks, 8 % students scored 60-80 marks, and only 2 % students scored 80-100 marks (Table 2; Graph 5).

The students who performed significantly low in academics told that they have suffered from exam anxiety due to family issues and exam phobia. 70% students blamed improper preparations whereas 80% student told wastage of time in chatting is the cause of their low academic performance (Table 1; Graph 6).

## IV. DISCUSSION

It is observed from our studies that one of the challenges of the students is their academic performance. Educational, social, cultural, psychological, lack of positive environment and support, intelligence, behaviour, attitude, confidence level and self concept are related with this lower achievement in examination. [11] [12]. Numerous research works had been done in past regarding low academic progress and factors associated with them.

In present study students showed heavy internet usage up to six hours. It can be correlated with their low academic achievements. Most of the student's low performance was due to loneliness, wake up till late night, fatigue, sleepiness and missing class which can also be correlated with internet caused destruction [13]. It was also observed that some students uses internet just for passing time or for playing online games. This can be significantly correlated with internet addiction [14]. Scientist suggested that these kinds of activities are more addictive than other online activities like

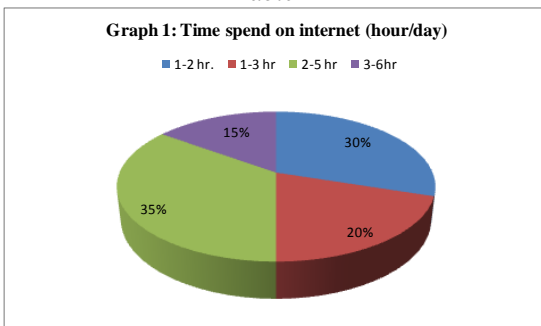
communication by e-mail or web-surfing [14]. The present research work shows that heavy internet user cannot concentrate on their studies and that's why they lag behind their counter peers. It was noticed that student who uses internet for more time are more likely to be depressed, physically ill, and introverted. Our studies also showed that students who spend more time on internet were isolated from society which letter on can fall in depression. It was reported that students who are socially active are happier and healthier [9] [10]. Heavy use of internet has negative impact on student's academic achievements [15] [16] [17] [18]. Few students got higher marks at the end of the term exams which was due to their limited use of internet. It can be suggested that healthy and wise use of internet is helpful for studies.

Time on Internet		Time spent with family		Reasons for exam anxiety	
Time	% of Students	Time in hour/day	% of Students	Reasons	% of Students
1-2 hr.	30	1	10	Improper preparation	70
1-3 hr	20	2	40	Wastage of time	80
2-5 hr	35	3	20	Family issues	10
3-6hr	15	4	30	exam phobia	50

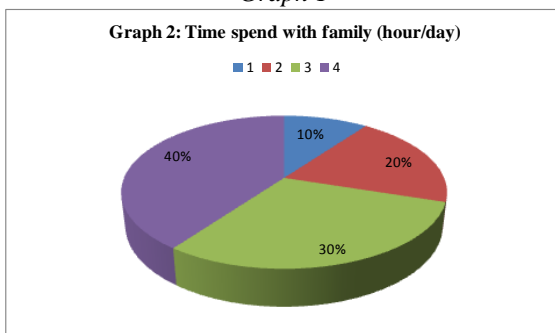
Table 1

Purpose of Internet use		Marks obtained at the end of the term exams		Time spent on study	
Purpose	% of Students	Marks range	% of Students	Time spent on study in min./day	% of Students
Movies and videos	90	0-20	30	30	20
Educational Purpose	30	20-40	40	40	35
Social media	90	40-60	20	20	40
Online Shopping	80	60-80	8	60	8
Clarifying doubts	4	80-100	2	180	2

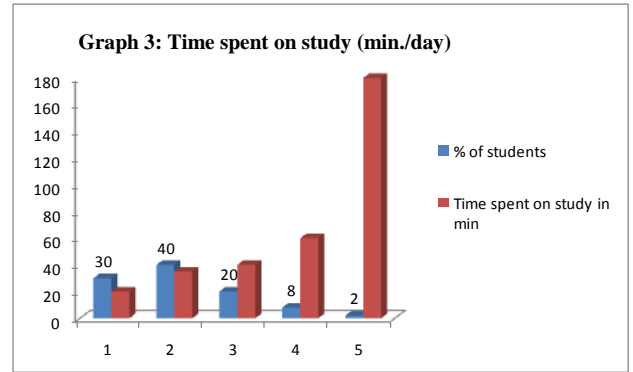
Table 2



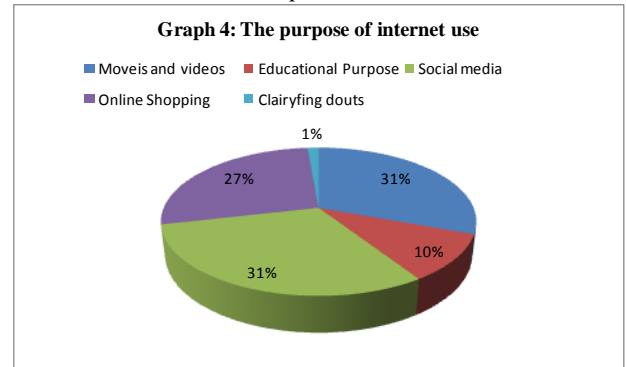
Graph 1



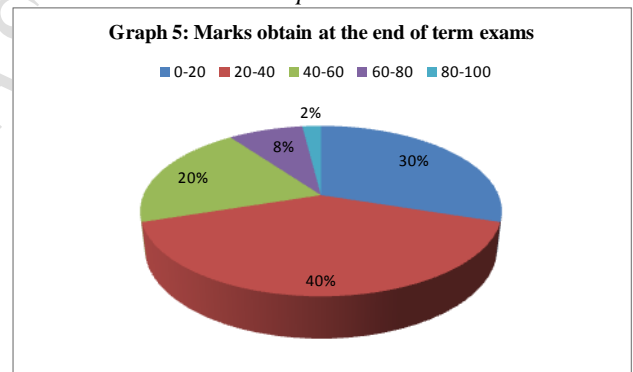
Graph 2



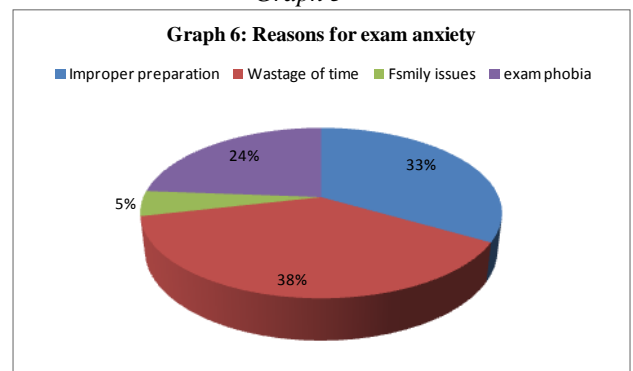
Graph 3



Graph 4



Graph 5



Graph 6

## V. CONCLUSION AND SUGGESTIONS

In present work it is concluded that use of internet should be limited and healthy. A person can be internet addict by excessive use of this. It is recommended to the students that they should use this facility for educational purpose not for

time pass or online surfing. Teachers also give some projects/ task to their students to use the internet for educational purpose that can give a positive impact on student's point of view towards uses of internet. Healthy balance between study and internet use is perfectly good. Spending little bit time on internet is fine as long as it doesn't harm real in any aspect.

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