

An Analytical Study on “Perception of Senior Secondary School Students towards the Use of Social Networking Sites”

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In the Senior Secondary years, the respective fields of study get divided into various streams like Science, Commerce and Humanities. Students can choose any stream that they are interested in and would like to make a career out of it by studying further. Senior Secondary years of education are the two last years of secondary education. After this student can take up the college for specific degrees according to their interest like- engineering, doctor, CA, teaching, accountancy, medical etc. Social networking as a communication medium is rising day by day, mainly in the prosperous increase of applications for mobile devices. Especially young teenagers are becoming familiar with sharing their everyday life and experiences in various social networking sites like – WhatsApp, Instagram, Facebook etc. As well as keeping in touch with teachers, friends, and family online and talking about their interests. This research paper focus on Perception level of Senior Secondary School Students towards the use of social networking sites. For the same, besides secondary data, an electronic questionnaire was prepared and Students from Senior Secondary School were required to respond to close ended and open ended questions through Google form. Questionnaire was used as a research instrument to collect data from 174 respondents which had been selected randomly. The present study revealed that students not only engage with social networking sites for entertainment but a substantial amount of time is spent on academic-related activities too.

Keywords: Perception, Senior Secondary School Students, Social networking sites

The senior secondary years of a student involves the 11th & 12th grade of a student in which they have to select a stream of their interest Senior Secondary is also referred as High school in various places.

In the Senior Secondary years, the respective fields of study get divided into various streams like Science, Commerce and Humanities. Students can choose any stream that they are interested in and would like to make a career out of it by studying further. Senior Secondary years of education are the two last years of secondary education. After this student can take up the college for specific degrees according to their interest like- engineering, doctor, CA, teaching, accountancy, medical etc.

The terms such as youth, adolescent, teenager, kid and young person are interchanged around the world accordingly, often means the same but differentiated occasionally. The

term “Youth” refers to different age groups. Sometimes it ranges from age groups 14 to 21.

Scholars argue that definitions which are age based are not consistent across cultures of times. So, it is more accurate to focus on the social processes in the transition to adult freedom defining youth. However, the term “Adolescent” refers to a specific age range in which there is a developmental period in a person’s life unlike youth which is a socially constructed category. It is age in which he/she develops self-concept

Below mentioned are some of the features of social media: -

1. Social networking sites are applications which are based on Interactive Web internet.
2. Main sources of social networking site are content such as texts, posts, comments,

photos and videos, data generated by online interactions etc.

3. Social networking site or social media organization designs and maintains profiles accounts and identities of the users which they create for the websites and applications.
4. Social media provide the facility of social networking by connecting one user with another user or group and one group with another.

Popular Social Networking Sites in India

There is plethora of websites that are serving the dual purpose of social networking as well as providing education through web-based services. A few prominent websites being used by Indian faculty and students are discussed here:

- 1) Facebook
- 2) YouTube
- 3) Twitter
- 4) Instagram
- 5) Whatsapp
- 6) LinkedIn

Uses of Social Networking Sites by Senior Secondary School Students

Social media has ability to share contents in real time which has transformed our way of living. Social media applications are the applications which is web based and that supports publishing of information and sharing of media files such as text, image, audio and video files. It also supports creating of personal profiles, connecting to another person or community etc. These applications or websites are necessary to make our everyday life smooth and easy in many ways. Everyday use of social media applications for various purposes is classified in three categories or area: - a) Education b) Entertainment c) E-commerce

Need and Significance of the Study

This study is of great importance as it helped in investigating how social media is being used by senior secondary school students. The researcher was able to judge whether

the use of social networking site has affected the social circle of students or not. During the period of COVID-19 social networking sites prove to be a big boon for both students and teachers. This study investigates how the social networking sites help students and teachers during COVID-19. The study also deals in investigating how social networking site has been used for education in an institution like a school. The study helped in finding if there is any relationship between social networking sites and the academic performance of the students.

Since, it is techno-world and all the first-hand data is gathered with the help of google form.

Objectives of the Study

1. To analyse the perception of senior secondary school students towards social networking sites.
2. To observe the popular social networking sites among senior secondary school students.
3. To determine the main purpose of using social network site among senior secondary school students.
4. To identify the frequency of use of social networking site among senior secondary students.

From the review of existing studies, it is very much evident that Students are remarkably a big user of social networking sites (Al-tarawneh, 2014; Subramani, 2015). It is confirmed vthat students were capitalising on the social affordances of social network sites to support their learning experience (vivan2012). In spite of using social networking site their GPA, academic performance has been affected (W.F.Lau2017). And, the most common social networking site is FACEBOOK (Kayriand Cakur, Abdulrahim 2013; Shabir et al 2014).Although they are mainly using SNSs for entertainment purpose (Abdelraheem, 2013; Bicen, 2015;Kuss& Griffiths, 2011; Subramani, 2015). Whereas, (Samad, Nilashi& Ibrahim2019), Livingston and Brake), 2014 Singh, Kumar and kauser (2019)concluded that social networking sites that there is a positive relationship between

Stream Wise Distribution of Senior Secondary School Students

Name of school	Science	Humanities	Commerce	Total
Mother's international school	30	12	15	57
St' George school	24	10	20	54
New green field school	20	10	8	38
Sri Sathya sai vidya vihar	21	-	4	25
	95	32	47	174

social presence, students' social wellbeing, and their academic performance. Although, (Lee, lee and kim) concluded that social networking sites have positive as well as negative effects on school students.

Findings of Kalpidou and Morris (2015) reflected that, the number of Facebook contacts possibly obstructs academic adjustment, and spending plenty of time on Facebook is linked to low self-esteem. Social networking sites can lead to mental health problems, sleep interruption, displaced behaviour, and depression. They also contribute to influencing romantic and platonic relationships (Meeyoung Cha, Simon Rice, and Jesse Gritton). Deandrea et al (2011) concluded that social networking sites helps students in adjustment in college on their initial days. Whereas, Meeyoung Cha, SimonRice, and Jesse Gritton(2016)concluded that there is a linkage among increased social networking sites usage and declined mental health. (Tran 2012) mentioned the same thing that continuous use of social networking sites like, Facebook cause overthinking and negative moods and stress. The other studies indicate that study habits of students are greatly influenced by social networking sites they also differ in gender wise (Joshi & Sharma2017). Extreme usage of social networking sites leads to poor study habits 'which is related to reduce academic performance (Gok, 2016). (Afshan Munir 2016) concluded that social media has the potential to enhance skills though it can also involve students in futile activities and affect marks.

In a nutshell social networking sites influence Study Habits both in the negative and positive way.

Research Method

The present study is descriptive in nature and is designed to profile the usage and perception of senior secondary school students towards social networking sites in terms of learning, entertainments and socialization etc. In this study, primary data was drawn directly from the regular private school students with the help of structured tool. Nevertheless, secondary sources of information were helpful in designing the tool for acquiring the primary data.

Sample

The population of this study consisted of all the senior secondary school students who are studying in private senior secondary schools of Delhi affiliated to CBSE. The usage and perception of Social Networking Site for academic or non-academic purpose by senior secondary students was investigated. The sample for this study was selected from the four private senior secondary schools on the basis simple random sampling method. The research investigation was carried out on a sample of 174 senior secondary students of 11th and 12th class of these selected private senior secondary schools of Delhi. Total number of senior secondary school students 174 out of which 96 are from science stream, 32 are from humanity and 47 are from commerce stream. Out of 174 respondents, there are 102 males and 72 females.

Variable Used:-

Independent variable – In this study senior secondary school students of 11th and 12th grades are independent variable.

Dependent variable- Perception of senior secondary school students taken as dependent variable.

Tool Used:-

During research process any instrument used to collect data that should be compatible with the objectives of the study is known as tool. The investigator can either use the available tools or construct new tools. In this study investigator construct a self-made tool on perception.

Self constructed tool:

In this study investigator developed tool in which the tool is divided into three section that is – first section involves the basic details of students, second is questionnaire in which there 10 close ended questions and, the last one is Likert scale which consist of 25 questions.

The questionnaire comprised of 10 items were relating to the pattern use of social media of senior secondary school students, whereas 25 items of Likert scale were related to socialization, academic and personal use which was prepared by the researcher to achieve the objectives of the study.

Procedure of Data Collection

Data was collected with the help of Google form. Firstly, one need to take permission from school's principal regarding the collection of data from the senior secondary students.

Then explained how to fill that Google form and what's it about. The purpose of this survey was made clear to all the students and teachers so, that they give their honest answers.

Google form was shared with their respective teachers and then their teacher shared it with the students.

Scoring

The respondents need to respond every question in section B by YES or NO, in section C the respondents respond to each item by rating on a five-point scale, ranging from –

- Strongly disagree (1)
- Disagree (2)
- Neutral (3)
- Agree (4)
- Strongly agree (5)

Respondents required choosing the category which they feel that is most appropriate according to them. Scoring of all items is done by adding up the respective numbers selected by respondents.

Statically Formula Used –

For the analysis of data –

$$\text{Percentage} = \frac{\sum \text{number of responses}}{\text{Sample size}} \times 100$$

Number of responses – according to the responses of students on 3-point scale.

Sample size – 174 senior secondary students.

Analysis and Interpretation of Data

4.1 Problem: Perception of Senior Secondary School Students towards the use of Social Networking Sites

To determine the perception of Senior Secondary School students towards the use of social networking sites investigator has developed a tool having 25 questions and categorised under three categories – academic, socialization and personal reasons. Analysis of the related data is divided into three sections which is as follow: -

Section A

Perception of Senior Secondary School Students towards the Use of Social Networking Sites in Academics:

Table 2 depicts that 65% of students agrees that they can solve their problems by social networking sites. whereas, 10% of students says that they can't use social networking sites for solving their academic problem.79% of senior secondary students reported that they use social networking sites to do project work. Majority of students that is 71% of senior secondary students reported that they use social networking sites for communicating with their friend for the preparation of exam.63% of senior secondary student's uses social networking sites for collaborative learning and use it for to learn about the curriculum. Whereas, 64% of senior secondary students uses social networking sites for seeking help from teachers and friends and fairly less percentage of senior secondary

Table 2: Responses of Senior Secondary School Students towards the use of Social Networking sites in Academic

S No.	QUESTIONS REALTED TO ACADEMIC-	Responses Agree in %	Responses Neutral %	Responses Disagree in %
1.	I use social networking site to solve my academic problems.	65	24.7	10.3
2.	I use social networking sites to do project work.	78.7	7.4	13.6
3.	I use social networking site for online academic group discussion.	68.96	25	5.1
4.	I communicate with my friends via social networking sites for preparation of exam.	70.11	21.5	9.7
5.	I use social networking sites for collaborative leaning.	62.6	28.9	9.7
6.	I use social networking sites for to learn about my curricular aspect.	63.2	28.9	7.47
7.	I use social networking sites to seek help from teachers.	64.3	22.1	13.2
8.	I face difficulty in finding exact information for academic via social networking sites.	45.9	38	16.3

Table 3. Perception of senior secondary school students towards the use of social networking sites in socialization

S no.	Questions related to socialization	Responses Agree in %	Responses Neutral in %	Responses Disagree in %
1.	I use social networking sites to become more sociable.	71.2	15.9	12.6
2.	I use social networking site to create my social identity.	63.4	14.2	22.41
3.	I prefer social networking to attend social gathering.	45.9	24.4	29.31
4.	I use social networking site for strengthening the interpersonal relationship.	53	22.7	24.1
5.	I use social networking sites to keep in touch with my relatives.	60	17	23
6.	I use social networking sites to get information regarding current social events.	82	14	4

students 46% says that they face difficulty in finding exact information for academic via social networking sites.

Section – B

Perception of Senior Secondary School Students towards the Use of Social Networking Sites in socialization

Table 3 illustrates that majority of respondents 82% uses social networking sites to get information regarding current social events. 71% of senior secondary students reported that they use social networking sites to become more sociable.63 % of senior secondary student’s uses social networking sites to attend social

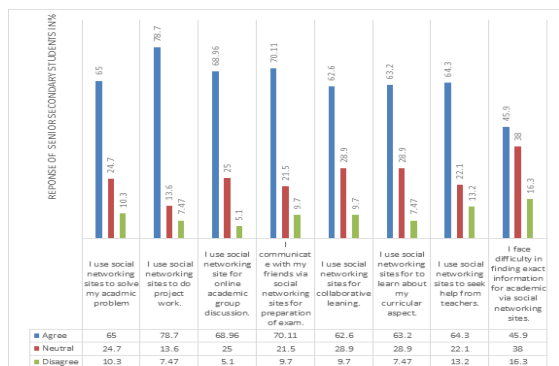


Figure: Responses of senior secondary school students towards the use of social networking sites in academics.

gathering. Whereas, 53% of senior secondary students uses social networking sites for strengthening the interpersonal relationship and 60% respondents uses for remain in touch with their relatives.

Section - C

Perception of Senior Secondary School Students towards the use of Social Networking Sites in Personal use

Table 4 depicts that the majority of respondents 82% use social networking sites to keep themselves updated. 75% of senior secondary students agrees that social networking sites is a great platform for putting individual and social issue in the world and the same percentage of senior secondary students stated that they use social networking sites to get relief from academic stress. Quite good percentage of students that is 70% uses social networking sites for funny sharing and for sharing picture Whereas, on the other hand 72% of senior secondary students reported that compulsive usage of social networking sites is a problematic issue. 64% of respondents said that they use social networking sites for reading news and approximately same percentage that is 64% of senior secondary students uses social networking sites for getting job related information. Whereas 66% of senior secondary

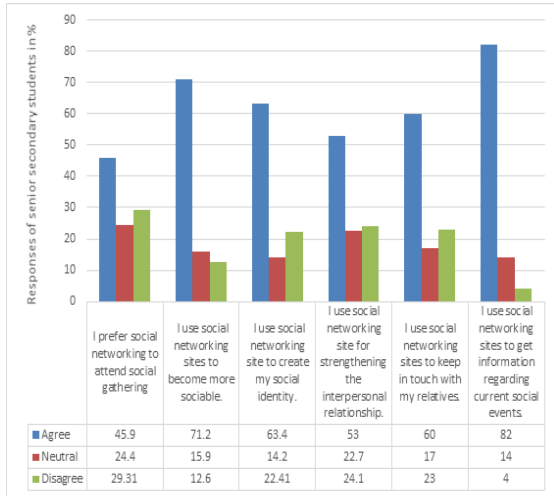


Figure: Responses of senior secondary school students towards the use of social networking sites in socialization-

Table 4. Responses of senior secondary school students towards the use of social networking sites in personal use

	Questions related to Personal use	Responses Agree in %	Responses Neutral in %	Responses Disagree in %
1.	I use social networking site for sharing pictures.	73	12	15
2.	I use social networking site to look at funny sharing.	70.11	16.4	13.2
3.	I use social networking sites to get relief from academic stress.	75.4	17.6	5.6
4.	I use social networking site for reading news.	64.3	11.49	23.8
5.	I use social networking site to share new idea.	69.5	21.5	9
6.	I use social networking sites for getting jobs related information.	60.3	21.5	17.8
7.	I use social media to keep myself updated.	82.1	12.5	5.1
8.	I usually postpone my academic task for spending more time the social networking sites	38.5	26.1	35
9.	While using social networking sites it is difficult for me to concentrate on my studies.	66	17.6	16.3
10.	Compulsive usage of social networking sites is a problematic issue.	72.4	19.3	8.04
11.	Do you think that social media is great platform for putting individual and social issue in the world?	75	18	7

students said that they feel social networking sites are quite distracting as they are not able to concentrate on their studies. Fairly less percentage of senior secondary students 38.5% stated that they postpone their academic task for spending more time in social networking sites.

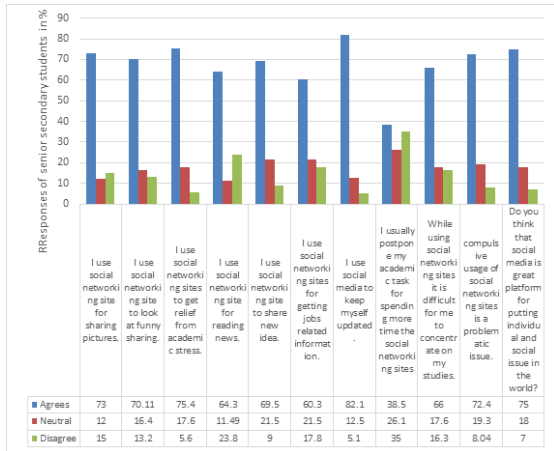


Figure: Responses of senior secondary school students towards the use of social networking sites in personal use.

To Observe The Popular Social Networking Sites Among Senior Secondary School Students.

To observe the popular social networking sites among senior secondary school students investigator asked a checklist question in which respondents have to check on the social networking sites they use.

Popular social networking sites among senior secondary school students has been tabulated below

Social networking sites	Total Number of Students\ Users	Number of Users	Percentage
Facebook	174	81	46.55%
WhatsApp	174	147	84.48%
YouTube	174	69	39.65%
Twitter	174	20	11.49%
Instagram	174	114	65.51%
Snapchat	174	82	47.1%

The above table clearly says that the most popular social networking site among student is WhatsApp as 84.48% of students using it. Then 65.51% of student use Instagram. 46.55% of students reported that they use Facebook where as 47.1% of students uses Snapchat. 11.49% students use YouTube. Twitter was used by lesser number of students that is, 11.49%. Same is depicted in the above figure.

To Determine the Main Purpose of Using Social Network Site Among Senior Secondary School Students.

To determine the main purpose of using social networking sites among senior secondary school students investigator asked a multiple-choice question in which respondents have to choose why they use social networking sites.

Purpose of using social networking sites has been tabulated below

Purpose of using social networking sites	Number of senior secondary students	% of senior secondary students
Academic	31	17.82
Constraint	1	0.57
Entertainment	62	35.63
Informative	39	22.41
Social	41	23.56
Total	174	100

Above table illustrates that majority (35.63%) of the students using social networking sites for entertainment purpose. Furthermore 23.56% of student using social networking sites for socialization. 22.41% of students reported that they use social networking sites for upgrade their knowledge or seeking information whereas, 17.82% of students reported that they use social networking site for academic purpose and 0.57% of students says that they use social networking sites for other activities.

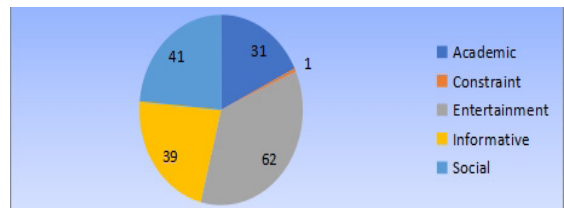


Figure : Main Purpose of using social networking sites

Above figure depicts that maximum numbers of students that is 62% uses social networking sites for entertainment. Then, from the above pie-chart we can conclude that 41% of students uses social networking sites for getting social and 39% of students uses for gaining information or keep themselves updated. Whereas, 31% of students reported that they use social networking sites for getting help in academics. And 1% opted for other activities that they use social networking sites for their personal use.

To Identify The Frequency Of Use Of Social Networking Site Among Senior Secondary School Students.

To find out the frequency of use of social networking sites among senior secondary students' investigator asked a multiple-choice question in which respondents have to choose a most suitable option according to them.

Frequency of use of social networking sites among senior secondary school students has been tabulated below

Number of hours in day	Number of students	Percentage of students
0-2 hrs	92	52.8%
2-4 Hrs	55	31.6%
4-6 hrs	20	11.4%
6-8 hrs	2	1.14%
More than 8	5	0.28%
Total	174	100%

The above table depicts that maximum number of students that is 52.8% use social networking site 0-2 hours in a day whereas only 5 students use it more than 8 hours in a day. 31.6% of students use social networking sites between 2-4 hours and 11.4% of student uses between 4-6 hours and only 0.28 % of student uses 6-8 hours.

For better understanding pie chart is formulated

Below figure explains that maximum number of students uses social networking sites 2 hours in a day which is quite satisfactory as they don't spend maximum time on the social networking sites as excessive use of social networking sites hamper their health as well. 55% of students

reported that they use social networking sites for 2-4 hours in a day. 20% of students uses social networking sites for 4-6 hours in a day and only 2 % of students uses 6-8 hours in a day

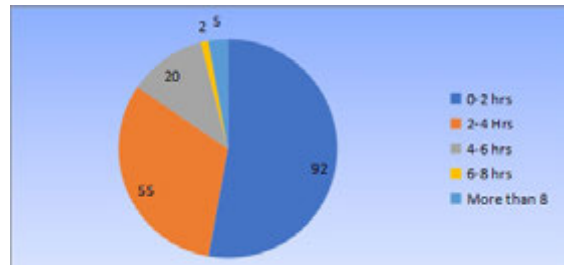


Figure: Frequency of use of social networking sites among senior secondary school students

Major Findings, Educational Implications and Suggestion for Further Study

Major Findings

Majority of senior secondary students perceive that social networking sites help them in academics as they can easily contact their friends and teachers for seeking help in project work or in exams. Whereas maximum number of senior secondary students said that social networking sites are great platform for socialization as well as with the help of social media we can easily socialize and create our own identity. Maximum number of students agrees that social networking sites is a great platform for putting individual and social issue in the world. Overall, senior secondary students perceive social networking sites is a big boon as its help them in academics, socialization and also in other aspects of life.

The most popular social networking site among student is WhatsApp as 84.48% of students using it. And then 65.51% of student use Instagram. 46.55% of students reported that they use Facebook where as 47.1% of students uses Snapchat. 11.49% students use YouTube. Twitter was used by lesser number of students that is, 11.49%.

The main purpose of using social networking sites among senior secondary school students is Entertainment (62%) and Socialization (41%). As, it helps various students who are introvert, or shy as these students can ask their doubts and queries directly from their teachers and

who are in depression can seek some funny videos or pictures in social media or even can talk with their friends or family with whom they are comfortable to keep themselves boosted or in happy mood.

Maximum number of students that is 52.8% are using social networking sites between 0-2 hours in a day. Which is a quite good frequency and from this we can analyse that students are not spending much time over these sites, whereas minimum number of students that is 0.28% uses social networking sites for more than 8 hours

Suggestions for Further Research

Comparative studies can be done on different levels of students that is, secondary, higher and students who are in UG and PG course.

The present study was confined to the sample taken from the SOUTH ZONE of DELHI. The same study can be undertaken on another zones of Delhi.

The present study was confined to only PRIVATE SCHOOLS in Delhi. The comparative study can be done private and government schools of Delhi.

A similar study can be done on the other states of INDIA as well.

Comparative study on social networking sites can be carried out in rural and urban areas of Delhi.

A similar study can be done to find the impact of social networking sites on teachers as well.

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