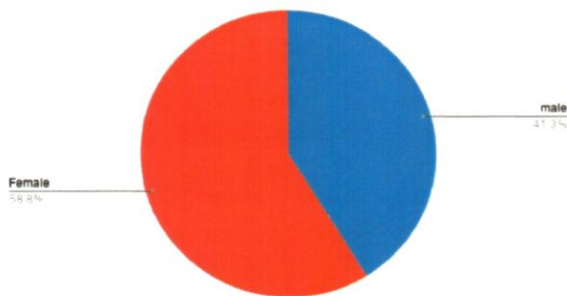


CHAPTER IV

Data analysis and interpretation

4.1 Data analysis

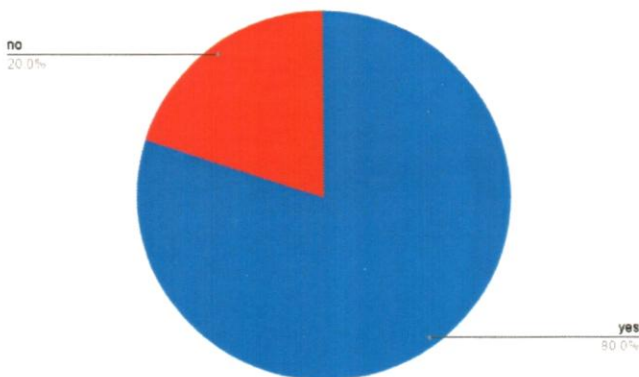
Teenagers specifically 14-17 possessing mobile phone/s were 80.0% (n=80).



1.1 Graph representation of respondents

Figure 1.1 shows the percentage by gender of students who completed the survey. The majority of the survey takers were female 58.8 percentage

1.2 Graph representation of those having mobile phone



This figure shows the percentage of respondents who have mobile phones here 80

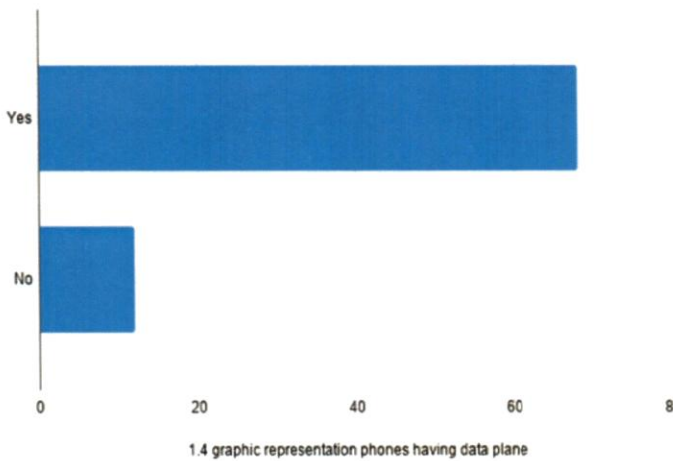
percent of respondent have mobile phones.

According to statista –The smart phone industry in India is a growing market with around 36 percent of all Indian mobile phone users expected to own a smartphone by

2022. This growth can also be observed in the volume of smart phone shipment in India. While the projections for smartphone sales are optimistic worldwide, India will account for about 12.5 percent of the global smartphone market by 2020. As the second most populous country in the world, the mobile phone industry in India is certainly a growing market that is eager to adapt to new technology.

Figure 1.4 Mobile phones with data plan

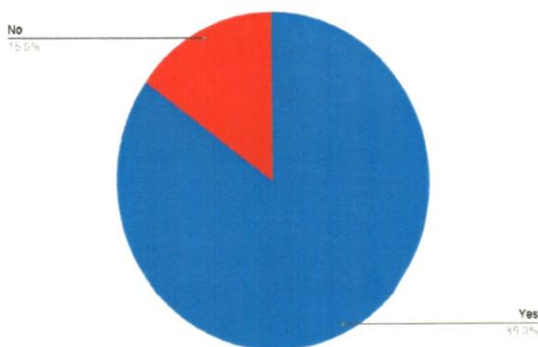
This figure shows 85.0 percent students have data plane



According to statista In 2020, India had nearly 700 million internet users across the country. This figure was projected to grow to over 974 million users by 2025, indicating a big market potential in internet services for the south Asian country.

In fact, India was ranked as the second largest online market worldwide in 2019, coming second only to China. The number of internet users was estimated to increase in both urban as well as rural regions, indicating a dynamic growth in access to internet.

Of the total internet users in the country, a majority of the people



access the internet via their mobile phones. There were nearly the same amount of smartphone users as internet users across the country. Cheap availability of mobile data, a growin smartphone user base in the country along with

the utility value of smartphones compared to desktops and tablets are some of the factors contributing to the mobile heavy internet access in India. Despite the large number of internet users in the country, the internet penetration levels took longer to catch up equally. At the same time, the number of women who have access to internet is much lower than men in the country, and the bias is even more evident in rural India. Similarly, internet usage is lower among older adults in the country due to internet literacy and technological know-how. By encouraging internet accessibility among marginalized groups including women, older people and rural inhabitants in the country, India's digital footprint has significant headroom to grow.

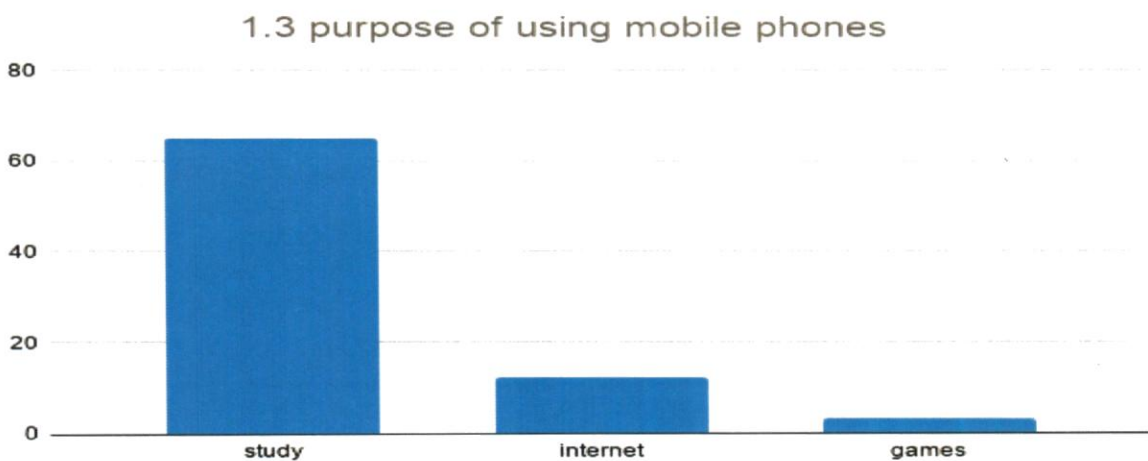
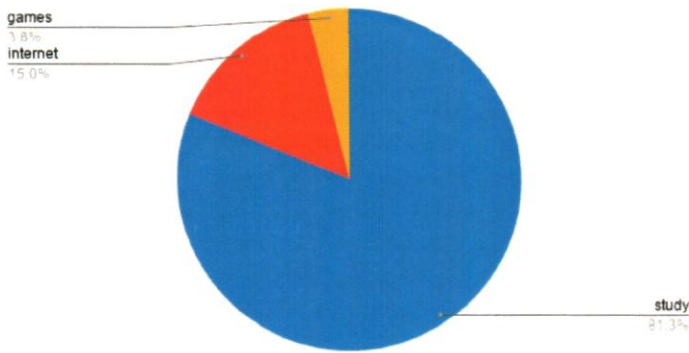


Figure displaying the results of, for what purpose respondent use mobile phones. The majority of students or responders claimed that they use the mobile phones for study which is 81.3percentage.which is positive aspect of using mobile phones. While 11 percentage for internet and 2.5 percentage for playing games. Thus students' trough internet are kept involved in using mobile phones for either study, or games



1.4 Graph representation of respondents

The influence of mobile phones on study will probably enhance students' learning in different ways. Mobile phones easily promote collaborative and different types of learning through their wireless connection to the internet. Their adoption in learning processes by the higher institution management as student learning and communication device tools is useful.

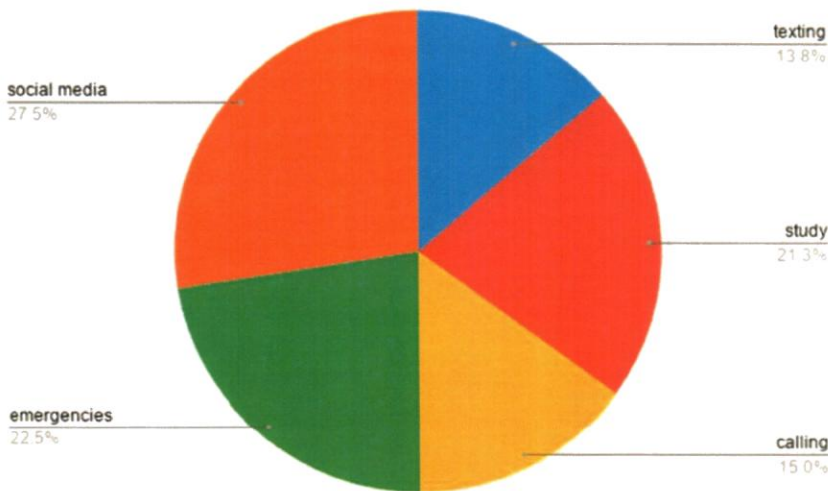


Figure 1.5 purpose of using internet data

We have seen in above graphs that about 85 percent

student own mobile phones and they claim that they use it for study, internet, and games. The figure 1.4 showing for what purpose student use internet data plane .the graph shows 27.5 percent student use internet for social media 22.5percent for emergencies ,21percent for study ,15percent for calling ,13.8 percent for texting.

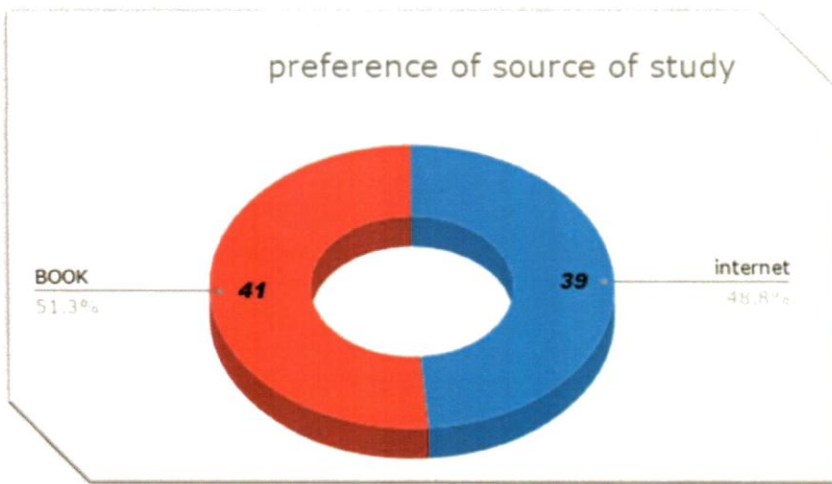


Figure 1.6 preference of source of study

There is just less than 2 percent difference between those student who use book as source of study and those who use internet as source of study.

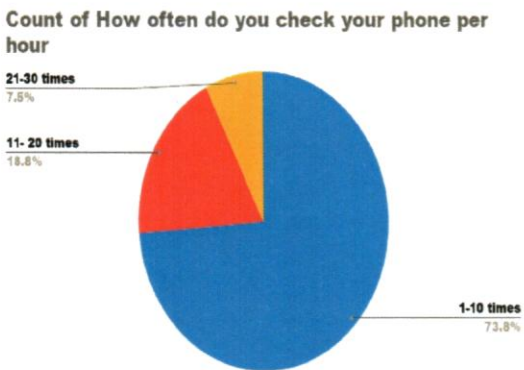


Figure 1.7 frequency of checking mobile phones

According to this figure 73.8 percent of the respondent check their mobile phones 1-10 times in a hour if we calculate its average we will find that each respondent at least check his or

her mobile 5 times in an hour.

Mobile phone is one the technology of our time. It has its positive effect as well as negative impact on own society. This study has demonstrated that the students kvs are aware of the social networking sites and had access to them. Findings also indicated that they are influenced to a great extent by the social media negatively because attention is focused on chatting, music and others while their academic activities are neglected and left to suffer. Also, this study discovered that the use of Mobil phone is uncontrollable among students which may cause of poor academic performance among students.

account on social networking sites

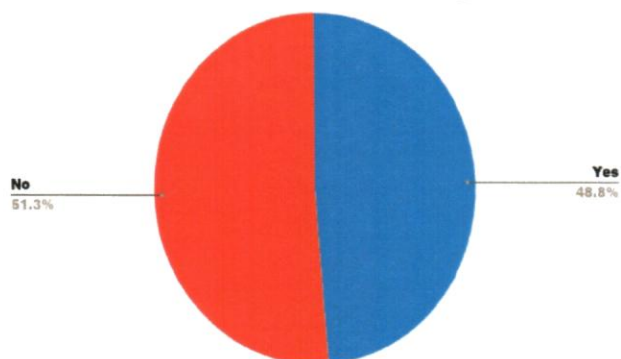


Figure 1.8 account on social networking

This figure showing 48.8 percent adolescents have account on Social media. Majority of the youth are shifting from Television media to social media as it has influenced them. Social media

influences youngster's life styles and it is helping them to create a network throughout the world. Social media makes it effortless to make relationship with anyone by expressing their likes and dislikes, which can be easily done. They are able to connect with every one through texting, sharing pictures and videos to their friends and the information can be passed on immediately at cheaper cost. Social networking offers a platform to discuss some burning current issues. Social media is a channel through which they are able to share their thoughts and feelings with their peers. As the youth get older they are in dilemma as what can be done, they get guidelines for the problems in their life. Help students to share information regarding the assignments to be submitted. Ticket booking for a movie show, a hotel and flight and train tickets for local as well as for an overseas travel trip can be done immediately. Social media has facilitated political change as the youth are more aware of politics.

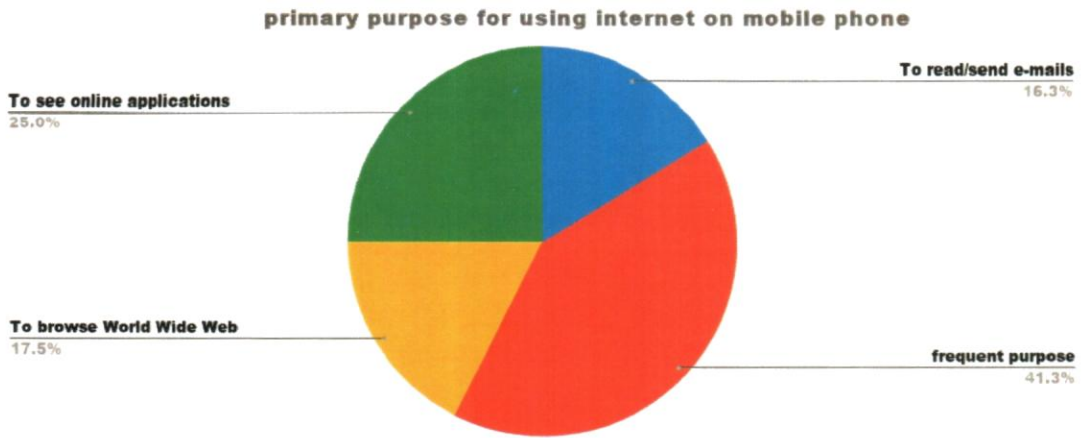


Figure 1.9

While the dark side of the social media is that it encourages unethical actions Such as unethical videos, chatting, images that generate difference of opinion among them. Such postings are weakening the affiliation between nations. As the adolescents are immature they fall victim to the cyber bullying. This affects the mental and emotional health of the adolescents and leads to suicide. As there is lack of privacy in social media site there are chances of misusing the private information by a third party. Due to use of social networking face to face interaction is getting reduced. It spreads false rumors and unreliable information Criminals use social media to commit crimes. It supports amateur medical advice which is critical and life-threatening.

Count of Do you think that mobile phone is responsible for low academic performance

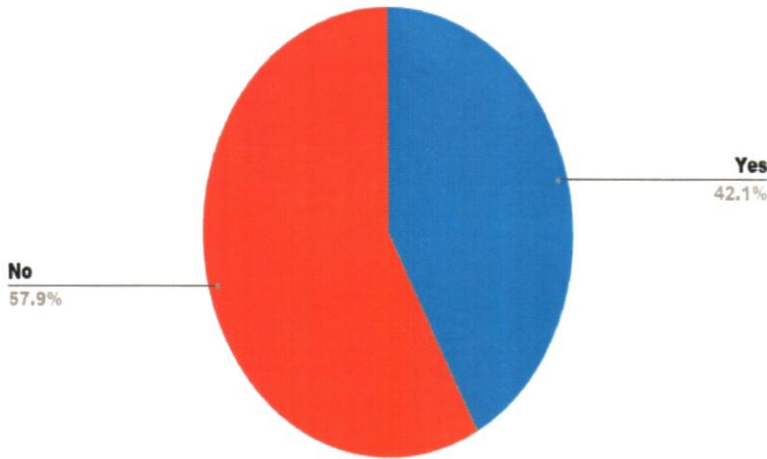


Figure 1.10

Showing 57.9 percent students don't think that mobile phone is responsible for low academic performance the use of mobile phones results in increasing parents'

involvement in education, and thus their children's learning and capabilities Motivation where mobile phones are incorporated in a large classroom, students appear to be more engaged in learning processes. Mobile phones in education increase students' will to learn. They take the initiative in using the device as a learning tool. Teachers report that the use of mobile phones in learning increases group participation in activities done during learning in class.

Figure 1.11

Does your phone distract you from your homework

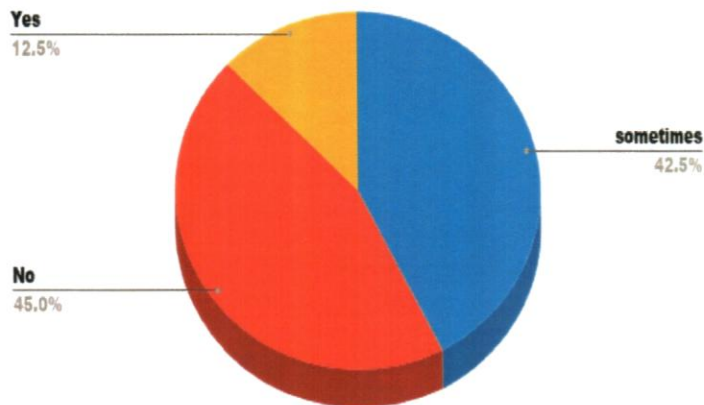
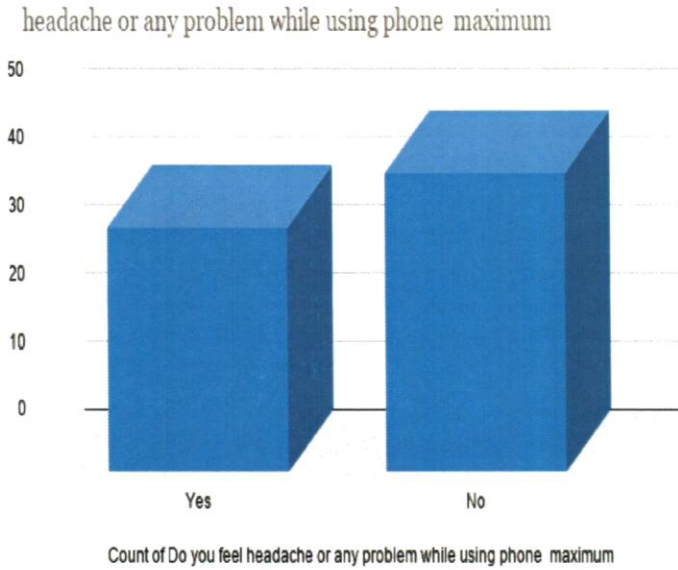


Figure 1.1 2

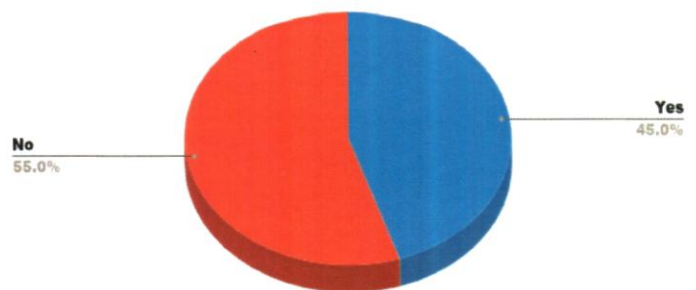


this graphical representation showing that 45.5 percent respondent feel headache while using mobile phones Over usage of the mobile phone leads to physiological health hazards like headaches, earache, warmth sensation, fatigue and

musculoskeletal symptoms and some controversy still exist in the over usage of the mobile phone whether it produces tumor or not. Mobile-addicts can be seriously affected at the psychological level. They don't show any physical and psychological symptoms, their disorder goes unnoticed by others.

Figure 1.13

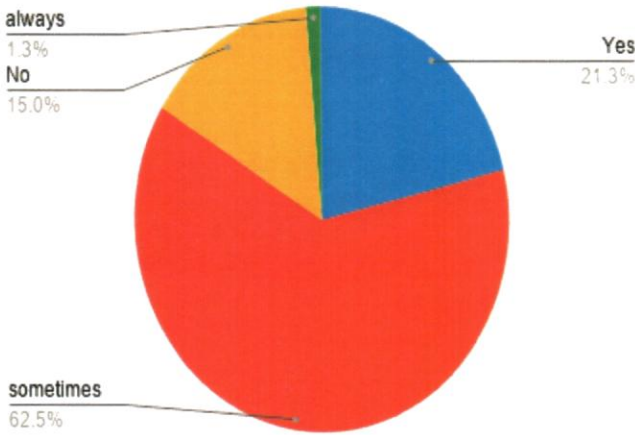
Count of Do you feel headache or any problem while using phone maximum



Number of research have been conducted In abroad earlier regarding mobile phone use and its impact some of them says for example Jenaro et al. (2007) [22] found that high cell-phone use is associated to being female, and having high anxiety and insomnia. Walsh et al. (2011) [56] found that gender was associated with mobile phone involvement but not frequency of use. Howell et al. (2008) [19] investigated gender

differences related to their mobile phones and users' perception and attitude towards their use in public and private places. They concluded that while females perceived the service very positively, there was a persistent trend for males to dislike the service, regardless of location

Figure 1.14

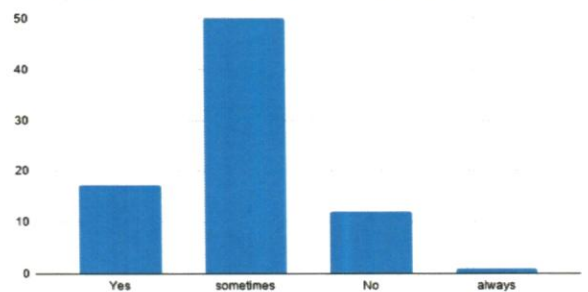


This figure showing that 62.5percent claim that sometimes their parents scold them while using mobile phone.

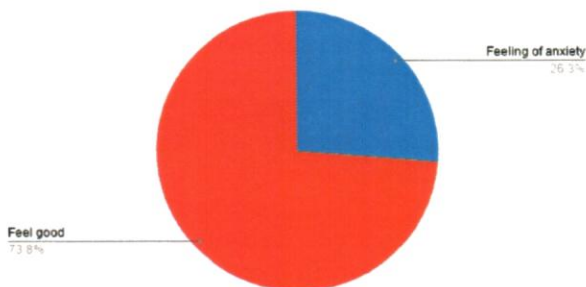
A study on Teenagers' Attachment to Parents says

Teenagers with strong attachment to parents are less likely to disobey their parents for fear of losing an existing strong emotional bond. Teenagers with higher levels of parental attachment are at lower risk

Does your parents scolds you while using the phone



How do you feel when you don't have your smart phone with you



of having suicidal tendencies (Maimon et al., 2010). But unfortunately—the internet I

they breathe and kids spent at least four hours a day on social

media in such a way that they get disengaged from their family and the outside world (Siegel, 2012: 19). Attachment is explained as an enduring bond of substantial intensity of affection and a lasting psychological connectedness between human beings (Bowlby, 1969:194). Bowlby (1969) concluded that human beings at any stage of development are most well-adjusted when they have confidence in the accessibility and responsiveness of a trusted other person. An observational research in 1978 has found out that attachment traits can be reliably classified as secure and insecure (Ainsworth et al., 1978). Weiss (1982) observes that while there are increasing intervals during which parental accessibility is not necessary for teenagers 'felt security, as their confidence in their parents

4.2 Data interpretation and findings

Media technology has become integral part of every children's lives in the twenty-first century. The world of electronic media is changing with a fast pace. After television it has joined by many other media resources like cell phones, iPods, video games, messaging, social networks sites and e-mail. Mobile phone is an important part of individual's life. It is a two way process of communicating ideas, knowledge and concepts. It includes various age groups like children, adolescents and elder. Among them adolescents required more information related with various field with the help of mobile phone. Many a time's people get affected by exaggeration and ignore reality, which impact their life style and relationship as well. In present scenario electronic gadgets (mobile phone) are being used more than earlier. Adolescent's media use has explore. Parents are worried that youth are drowning in messages about sex, smoking, drinking, goods which are used by consumer, and a host of other behaviors and products that threaten their health and well-being. The innovations coming from the revolution in information and communication technology (ICT) are redefining the contours of human existence at physical, social, and psychological planes. The presence of gadgets such as mobile phone, television (TV), personal computer (PC), lap top, Internet, and I Pod are reorganizing life experiences in terms of time, space, and efficiency. The consequences of these interventions are resulting in changes in mental habits, pattern of time use, quality and nature of social interaction, and well-being.

At societal level institutions like banking, travel, schooling, health care, and official/bureaucratic processing of information in different walks of life are organizing live in newer ways. At individual level people are feeling empowered. By amplifying human capacity, enhancing performance, and facilitating various goals these technologies are shaping the motives, emotions, and choices in significant ways. Indeed they are deeply entrenched in today's lives in

urban India. The consequences are, however, not free from problems. They are interfering with many activities in the life world and their fruitful integration with personal, family, and organizational domains often become problematic. There are indications that greater use of these gadgets (mobile phone) leads to increase in individual level psychopathology (e.g. loneliness, attention-deficits, and poor interpersonal relationship), disruptions in family functioning, and poor work-life balance. Unrealistic aspirations, consumerist orientation, over concern for body image, and preference for materialistic possessions are often reported to dominate their lives. Such consequences have implications for parenting, schooling and social policy. Researches on media have been going on from last 50 years and still continue. We can look for the history and evaluate this in 3 stages.

4.2.1 Common use of mobile phone by people

Now days the use of mobile has become very common. This usage has created a new environment in which even the people from the lower strata are using the mass media gadget freely. The changed took place of one's relation with space through the widespread use of the mobile has become the premise which will also illuminate the role of this instrument in the evolution of democratic society (. Fixed phones entered the people's home without any difference of race, language, economic status. Mobile phones are being affected in finding the lost people's location and so do for mobile. Whereas the fixed phone telephone directory describes name, surname, profession, locality enabling the new corner to city to know people of their interest. The situation has become particularly deplorable that a whole lot of cynicism has grown around our inter-personal social relations where people frequently tell lies to other persons whom they try to avoid. It is not very surprising to mention that a person sitting at home in Delhi may respond to other person that I have been to Shimla or Mumbai. The study of Korgaonkar, &Wolin, (1999) also found that higher age

group adolescents view more time mass media than to the lower age group teen agers. In contrary Greenberg, & Dominick, (1969) stated that teen agers usage more time mass media than to the older age group especially teen agers are more victimized to usage of social networking than to youth and older people (Pfeil, Arjan, and Zaphiris, 2009). Recently from an Indian study of Mahakud and Bhola (2014) found that more male participants usage social networking especially through mobile than to their female counterparts. The study of Korgaonkar, & Wolin, (1999) also found that higher age group adolescents view more time mass media than to the lower age group teen agers. On the other hand Greenberg, & Dominick, (1969) stated that teen agers usage more time mass media than to the older age group especially teen agers are more victimized to usage of social networking than to youth and older people (Pfeil, Arjan, and Zaphiris, 2009). Although some of the studies (e.g. Ellison, Steinfield, Lampe, 2007; Valenzuela, Park, Kee, 2009 and Koroleva, Krasnova, Veltri, Günther, 2011) especially conducted in the usage of social networking stated that, usage of social networking such as mobile phone, internet negatively affects both physical

and psychological wellbeing of both male and female participants. On the other hand, the uses of social networking sites users feel stress for their physical attractiveness and sociability and that usage of mass media especially mobile and internet for access of social networking is the process not only helps to improve the academic performance of college adolescents, but also improve such aspects that are important in better learning outcomes. Even today social networking plays a vital role for career selection.

4.3 ADVANTAGES OF MOBILE

Facilitates Learning

One of the positive effects of cell phone on youths is that it facilitates learning. A mobile phone can serve as a homework assistant. Young people can browse the net on their cellphones to tackle difficult algebra questions.

Builds Social Connections

While mobile phones can act as a distraction in real-life, phones can help improve overall social connection. Teenagers can chat up with like-minded individuals in online forums, apps, and sites such as Teenhive.com, Spot friend, Open, and others. Teenagers can also use apps such as Skype, WhatsApp, and Google Hangouts to chat with distant relatives and friends. In this way, they can keep up with friends and relatives who reside abroad. A study by Common Sense Media found that the majority of teens reported that social media helps them get to know others better, make friends, and receive peer support. The use of mobile phones to connect with others is helpful for shy, introverted kids, people with disabilities, and marginalized individuals. Mobile phones allow them to connect with similar people, join support groups, and grow their social connections.

Promotes Self-Education

A positive influence of mobile phones on youth is that it boosts self-education. Young people have all the information at their fingertips with a mobile phone. Youngsters can explore the world and satisfy their curiosity about different topics using their mobile phones. They can learn about quantum physics, molecular biology, astrophysics, the theory of relativity, technology, and many other topics that interest their inquisitive minds.

Boosts Creativity

Another positive influence of mobile phones on youngsters is that it boosts creativity. Mobile phones have become the new canvas where budding Michelangelo, Kandinsky, or Leonardo de Vinci can create works of impressive art. Various photo creation apps are available that can be used to create inspiring images. Teenagers can take part in photo contests, and submit their works of art. Apart from photo editing features, youths can create and edit videos. They can make video commercials and informational videos using their smartphones. The videos can be used to teach topics to others that will also strengthen the self-learning. Optimizes the Learning Process .Another positive effect of mobile phones on youngsters is that it allows them to greatly optimize the learning process and get good grades in the class. Children can download apps to explore their favorite subjects in depth. They can keep up-to-date about the latest advances in their field. Mobile learning apps can teach teenagers at the comfort of their own homes. Teenagers who use mobile phones can prepare themselves for the technological world. They can adapt to the e-learning environment where teachers and students connect through the mobile medium. Young adults can also enhance their skills by getting a degree online.

4.4 Disadvantages of mobile use

Series of Health Problems

Most of the smart-phones emit radiation as against user-friendly LED screens. This can have a series of health hazards apart from eye-infections alone. Quite a lot of us put the hands-free while listening to news clippings, watching videos or listening to music. For students and grown-up adults, this can impact the delicate tendons, situated near

the ear-drum. Quite a lot of teenagers buy invisible hearing-aids to combat this particular issue. Radiation impact can also lead to blockage of heart, cirrhosis and coronary disorders. Cancers can also be caused when you are exposed to radiation over-time

Leads to Hard-Core Vision Problem

Continuous viewing of mobile phones can lead to serious vision-related problems. Perennial eye-infections, lazy eye and cylindrical issues rise among students who are just in their first grades.

Indulge in Pornography

As mobile phone devices come to you with an open-ended email access system, there are students who indulge in various forms of misconduct too. Teenagers download porn videos or scintillating audio clippings too. What is more? These can easily be circulated via FB messenger, what's App and Snap Chat. Other students get easy access to sex sites and porn stuff. Again, this can leave a detrimental impact on the healthy well-being of society. Today, teenagers involving themselves in the gang rape of even smaller girls, are on the rise. Thanks to innovative technology and mind-boggling videos.