Chapter 1

INTRODUCTION

1.0 Introduction

In Electronics & Communication technologies there are many changes over the past few decades and they are now part of the life now. Due to these innovations there are huge developments in the Mobiles and the Internet. However, Internet is now rapid, easily available source of Information to world and barriers of communication are falling against these wireless technologies. These technologies have the impact on the several aspects of the Human life. Healthcare industries also have the large amount of impact due to these technologies. Internet is cheap and user friendly to all the users across the world. Previously to find the particular file or any information requires lots of time and energy. But, due to the Internet, Emails, computer programming such information is available on the tip of the figure. This has change the way of communication of peoples and made these miserable lives so easy. Internet provides the facilities of paying the online bills, checking the past information, shopping online, etc. However, the overuse of Internet brings the addiction of it in the users. Addiction of internet is not only found in the all ages across the world.

Now day’s peoples read the articles, blogs more on the Internet rather than newspapers or the books. In recent time the overuse of the internet is increased drastically specially in the teenagers. Internet addiction increases the dependency of the person more on the Internet and Mobiles. One can have the unpleasant feeling like’s depression, emptiness, etc., when he is not online. Also some user have psychological problem because of addiction.

Internet is now part of the schools and colleges, where student’s utilizes the Internet as a part of study tool in the campus and the libraries. There was a study over the addiction level to the Internet and use of electronics devices by Undergraduate students in the Universities of the Nigeria. Study found that these students are using the Internet every part of their day to day life. Similar study was carried out in the University of the Malaysia where up to out of total student 36 percent students spend per week at least 1-10 hours on the Internet. Sending or receiving the Emails, reading the information, watching the online games, communication with the fellow students is the major activities of the students. Due this the socialization of the students is going down.
Currently syllabus is hard some time teacher also take the help from internet about particular topics. They also need the training of some topics college students and staff from college. Students need the proper and better training from the teachers how to use the Internet more effectively so as to have the less wastage of their precious time. They can ask the students to search the related information of the particular site, this will save the time of students instead of searching the same information over the internet across the billions of the websites and there information.

Internet provide many facilities like online gaming etc because of internet addiction it effect on students’ academic performance also. One study from china shows that the students nowadays spends lots of time over the playing the online games, online chatting. This has decreased the performance of the students periodically. This have results in the symptoms like anger, depression, moody swings, anxiety, fear, irritability, sadness, loneness, boredom, restlessness and upset digestion problems.

Because of internet addiction there is problem with family and friends also. One study found that age group of 12-18 year had medium level of internet addiction and they had negative relationship with their family. Teenagers had higher level of internet addiction than adolescents because they spend time with their families, also found that adolescents spend their time in other activities e.g. watching T.V., eating meals together, chatting, shopping etc. Some addicted teenagers spend many hours a day on internet for social web sites and finding information which not useful for them and also playing games. Students of Mass Media and Communication are using the Internet as medium to do the study. It is a source of information i.e. education to them.

Because of internet use students cheats in study. They easy copy the study material and present it as it is. In this internet world many of students found with seriously cheating for writing work some student had copied some portion of paper from internet without seen any original source. Teenagers copy activities from elder which are internet use. That time they don’t know what is drawback of internet. Internet is interesting subject everything is find in a single click so some time they cannot control them self from use of internet. A one study found that high school students more like internet than college students, they use internet for chatting. Some of students also taking help of internet for solving their assignments, project also for paper work in education time. Which is not helping the students in building their own ability to do the work. They relay much on the Internet so as to carry out their works.
The use of internet in teenagers most visiting social websites to communicate other virtual friends. They are enjoying communicate with them more than real friends and family. It also converted into internet addiction because it overuse of social websites.

As per some research it is found that in urban areas use more internet than the rural areas because in an Urban areas have more facility than rural areas. From urban city survey, it shows population of internet addiction, from that majority users use internet to access emails, for networking with family and friends that is about 2/3 of entire population. Also, half of the population from sampling use internet for chatting purposes even today. Less than half of the rural population uses the internet for downloading or listening songs and videos.

As per some research it is found that internet addiction also found because of playing online games. Currently people use the smart phone by replacing cells. Smart phone provide many facilities like playing video games internet etc. so it convert into addiction. In today’s life many teenagers playing video games at home, net cafe, mobile and computer also used. By using computer they play’s online as well as off line games, which is most popular in teenagers. So computer is also a reason of Internet addiction.

There are many devices to use internet but mobile and computer are cheapest and easy to handle devices. Currently smart phone or mobile are a popular devices to internet use. Mobile is digital devices so used different operating system and also used that based apps e.g. games. Mobile is easy to handle so its effect such as internet addiction. The cell phone is used for communicate with each other, we can communicate with friends and family also keep relation healthy even when user are far away from each other. Now a day’s by using internet on mobile we control our calling bill in cheap rate. By using cell we communicate online anytime, anywhere with friends, relations, colleagues etc. It is very easy mediator to communicate and relationship over the distances. So that it has become important part of our life for and that’s why addiction of internet is easy. One cannot live without it as it has become the need of everyone, but it a reason of internet addiction. Now a day’s it seen that use internet computer is highest popular device than cell phone.

The internet is used for the day to day communication along with the entertainment enjoyments, information sharing with others. Now a days there is a internet in home, schools also business so addiction of internet has rapidly increased. Because of internet change our daily life also change work style, way of communication also as well as learning way. Ne friInternet is one of great tool for people to explore places to travel, meet with new people. If we used overuse of internet in our daily life its shows result like meet online friends (We have not meet personally to many of them) rather than real friends, playing online virtual
games for hours, can’t control to use of social websites or face problem like fall asleep then its convert into addiction.

Now a days use internet for online work, selling, communication, product purchase, etc. It means internet is most important tools in our daily life. Some studies of survey found that when people want to meet unknown people use more or virtual friend specially in the depressed situations. Which gives takes them away from the real friends and peoples. They are in there own world created on the Internet.

The use of Internet can be healthy or unhealthy which entirely depends up on the users activities and behaviour. When we use internet for in control e.g. in office use internet, every work day 9am to 5 pm. It consider as healthy use and spending too much time online, playing online games it means use internet more than need it is unhealthy use.

Teenagers gets addicted towards the excessive use of the Internet due to the improper guidance from the teachers or parents. In teenagers, it has been seen parents not control their wards while using internet. Internet addiction is become social cause across entire world. Due to this person can have the depression, behavioural changes, inpersonal problems etc.

Teenagers are more addicted towards internet than adults and they adopt some effects like social performance, psychology and lifestyle habits. Unnecessary overuse of Internet causes person to be unfit. As he/she skews the food and eats more fast foods, skews the excercises to stay fit. It change lifestyle Some of them get the severe back pain, head pain etc. This effects there growth in the personal and social lifes.

In teenagers, their deveolpment and growth depends on Nutrition. One of study found that because of internet they face problem such as high weight gain, or reduce of weight and blackheads below the eyes, etc in teenagers. Some studies found that teenagers having problem with health, mental like depression or psychiatric symptoms. Internet addiction had because of computer and cell phone. Internet use increses day by day.

1.1 definition of Internet

The Internet is a globally connecting one or more than one computers in network. Near to 190 countries are linked for exchanges of information, news and opinions.

The Internet introduced in the decade of 70's. As per time proceed it gains popularity. The Internet connect many devices world wise it is actualy the global system they use the internet protocol suite (like TCP/IP) for connect many devices world wise which connected computer networks. It is network that consist many public, private, business,
academic and government network of local to global scope, wireless and optical network technology, linked by broad array of electronic technologies. Internet have high range of information sources and services. There is always a hostname and the IP address for the each laptop or computer we were using for the Internet on the server they are using. There are many different types of computer network. It distributed of their in size and purpose. The network size can be expressed by geographic area they occupy also numbers of computer is also part of network. By using network we take anything by using handful devices in single room with many devices across entire world.

Some of network based on its size. There are three types of networks LAN, WAN, MAN. In Internet the machine is listed on server and replying to ping which is an Internet utility check whether the computer is connected to the network. This don’t consider the machines beside the firewalls security or which are not switch on while at the time of pinging. Before the World Wide Web, Internet was mostly used for the Electronic mail and file transfer protocol. Later the tools for Internet were invented so as to gather and categorize the information. It is difficult to find the file in the computer program if we don’t know about the file location or name.

1.1.1. Internet use worldwide.

According to the below World Bank-World Development Indicators, 2011 the use of the internet increases very fast specially in European countries and Asian countries. As Middle East countries Australia, they are not use internet as compare to Europe and Asia.
Figure 1.1 shows internet growth world wise (2011). From few past decade internet use increased.

### 1.2 Features of Internet

Now a day's internet is needed for people’s life. On clicking single click user got many things. Now internet is used for different purpose depending on requirement.

- **Communication:**
  
  By using internet we can communicate with others when we living far away also. Now days we cannot chat only also communicate by using video conferencing. It is extremely easy way for communication to loved one who are in some other part of world. Email, social websites are example of communication. This is gift of internet which is cherished by everyone and had made our life easier.

- **Research:**
  
  The point of research when we search something that time we refer many books as well as reference. And it is very difficult to search particular point. Because of search engine everything found in single click. We can search concerned topic and we get hundreds of references it is beneficial for scholar. By using internet we can publish our research publicly. Also seen that large amount of people from research work that we have done. From research we got many benefits using internet. It means by using internet we got wings for research.

- **Education:**
  
  This is most important thing that internet provide to use. There are numbers of books, references, online help centers, expert’s views and study material also available. It is easy for learn and also provide funny methods to learn. For different topics there are lots of web sites available. We can visit them and take endless knowledge. There are many tutorials available over internet which helps to easy learn. We cannot be excellent without use of internet in education field.

- **Financial Transaction:**
It is used for exchange of money. Because of Internet it is easy. Now we not need to stand in queue at branch of particular bank; we just log on particular bank websites and done transaction.

- **Real Times Updates:**
  By using internet we get information of world. We get news about sports finance, politics, etc any time anywhere.

### 1.3 Advantages of Internet

If we seen the positive aspects of addiction but also have some drawbacks also. Addiction is harmful, it create problem with personal relationship, their work and also for health. Because of addiction with internet having some problems like same sort of damage, leading user to neglect their family, friends and their work. Internet having many benefits also. It is used for reading news, searching information, relationship and for communication.

#### 1.3.1. Expanded Knowledge Base:

Because of internet there is good flexibility in working hours and for location mainly with high speed connection. Material for education at all level for all standards are available in websites (preschool to post-doctoral). In distance education also it help for home work and assignment, learning of self guided, whiling away spare time, they look for more details for an interesting fact, it is not easy for people that access information about education in anytime anywhere. Internet is also used for Web. It has general purposes also. By using internet we search formal and informal information for education. Also internet used for research, universities work etc from social science and behavioral science for conducting with changes profound in reach and research it remotely by virtual laboratories generalized finding also for communication between scientists with publication results.

#### 1.3.2. Ease of Communication:

By using IRC internet chat, SMS, or a websites of social networking allow people to with touch in different convenient way when work with their computer in a day. They exchange their message in quickly and fast by using email. It allow user to exchange their file
also, some time send any image or drawing, and video and voice contact with team member. Also Project and business team shears their calendar, also documents and other information related their topics. Scientific research, development in software, conference planning, creative writing and political activism in this also collaboration occurs for wide variety of areas. Now a days Political and social development is also literate in computer and internet.

1.3.3. **Relationship:**

Social networks sites are used because it helps for user to become social and it keep touch with their friends and relatives. In day today life they used for business and for other organizations they use internet for brandpromoting, for interacting their customer. Use of internet is related with user’s loneliness. Lonely people’s uses internet to shearing feeling as well as stories with their online friends. Peoples used internet for accessing and downloading songs, movies and other work information for their enjoyment and for feeling relax. Now their are different type services are available like free and fee based used distributed peer to peer technology and centralized servers.
1.4 Disadvantages of Internet

1.4.1. Spam Mail:

For random people sending unwanted and useless email is called spamming. These email block by recipient when it needlessly. These are illegal and reason of frustration because of it very hard to user for access their own email account. Both are used to attack inbox with advertisement which is endless. It is mixed with other emails so quite complicated. Most of email services provide security to system about prevent span email is from going to inbox is good. All emails are deemed doubtful get their email ID or IP address blocked or may be sending to folder that is spam.

1.4.2. Virus, Trojan & Other Malware:

These are harmful programs that large no of harmfulness for internet time and again. They attack on computer with sole intent of causing harm. Because of that computer fail to normal function or even it is very costly also to perform normally when lose important data. It is worse when easily fall victim to harmful software to click on link on internet that appears genuine. Internet viruses having three types-
1. Which harmful for your system and executable boot files,
2. Which affect on specific files by destroying it and
3. Which that keeping changing things in computer e.g. word files. Use can protect computers by using anti-virus program before accessing internet.

1.4.3. Leakage of Private Information:

Now a day’s internet is became a market place so seen that many fraud cases. Credit and debit card details are easily exposes. This happen when we use extreme transition online. Make sure about that when we pay bills reliable payment processor is used instead of sending details directly for business or an individual.

1.4.4. Addiction to Internet:

Internet addiction is same as other addictions. Internet is good for human but some userspends more time for internet. It shows effect for their social interaction. Internet addiction is a major cause of obesity and in some cases seen some diseases like carpal tunnel syndrome. With helping some point’s addicted people can be overcome from that.
1.4.5. Kids Exposed to Adults-Only Content:

Internet provides all information means good as well bad information. It has some issue with age also. Kids used web sites like pornography. It is duty of parents or guardians that do something to lock such site which is harmful to children and keep safe their children. This is also not full proof strategy for children .They can access internet by other devices.

1.5 Use of an Internet in India

For accessing internet services, one study found students' attitude from Islamia University towards learning by internet. They found that from collected sampling majority of respondent were not properly trained for use of Internet may be learn by friends. Suppose they are new internet user, they have positive attitude of learning of internet. Higher Education Commission of Pakistan use free database services was not satisfactory. Respondents were not satisfied with internet services like the number of computer in the lab of university, poor Internet speed and its connection. This data may useful to the university to avail the provision of facilities for resources efficient students for information uses as services on internet (Hakeel Ahmad Khan 2011). For population India is largest second country from world .12% of total world’s population count in 2015. The internet use in India found 5 time increment in 2005-2011 years and as compare to other countries like 1.8 times in Malaysia, and 1.9 times in South Africa. Because of use of smart phone after laptop make revolution in use of internet and its connectivity with it.

New user of internet use internet by using cell phones which called smart phones. In India and China, these are big market for create and use cell phones/smartphones and internet. So they have many approaches for new applications of it. However, they have to design the smartphones for the Mobiles-based Internet users so that those will suit to their requirements like audio content, visual content. However, even in the rural areas the young generation are prefer to have the smartphones over the basic mobile phones for the sake of Internet to have the application like WhatsApp, Facebook. However, due to the cost factor the in rural areas the use of smartphones is limited. Young generation is using Internet as buddy for there any work and social activities.

1.6 Basic Terms Related To Internet Which Is Used For This Project

1.6.1. Addiction:
From medical science addiction term was introduced. Some studies define addiction types of problematic behavior but also found some symptoms there. Addiction can be defined as it is a condition that results when a person ingests a thing (e.g., alcohol) engages in an activity (e.g., gambling) that can be enjoyable but the continued use of that. It becomes uncontrollable and trouble with ordinary life responsibilities, likes study, work, relationships etc. Users not aware that their behavior is not in control. So it is problematic form themselves and others.

Another definition of the Addiction is compulsion as a powerful feeling to perform an unstable act with uncontrolled needs for and habit forming things use.

1.6.2. Internet Addiction:

Internet addiction is not like use of alcohol or drugs but it is an impulse control disorder like a gambling. Some of Internet user, theirs feeling shear with online friends. They are very close with them. They also create online activity on their screen of computer. Also internet user enjoy with internet use. Internets allow them to exchanging ideas and meet by using char room, socialize web sites of social network and also virtual communities. Some users also spend more time on internet to searching interested topic online or for reading blogs. Internet addiction is more like other addiction the addicted person rumores in the virtual fantasy world. They may get connected to the real world, meet the real peoples at far distances which is not possible normally in life.

1.6.3. Lower Secondary School:

Now day’s in the lower secondary schools children having age 12 to 15 years old. Their use computer and internet increases day by day. When teacher ask them about different project which they completed with the help of the Internet. However, the there are some science exhibition and projects at school level where they uses the Internet and teachers give less opportunities for them for the fieldwork. Due to this the dependency of the students increased on the Internet. E.g. the Advertisement for the printers or laptops etc. Where it is shown that the dependency of children’s on the Internet now days.

1.7 History of Internet

Basically start the internet for Military purpose then people use the internet for personal and official use. One organization reported that in 2002-2003 academic year the
students who were going for the least one online course was 1.6 million in numbers. As per recent report of 2010 they said that now they are found that $5^{1/2}$ million students were going for the at least one online course. As per his report there is 21% growth for addiction in one year. Explaining total history of growth of Internet is not possible. Following is a try to give history in chronological order:

1969: ARPA goes online connecting U.S. Universities Designing for education and government organization.

1972: Email was introduced.


1976: send first mail by Queen Elizabeth.

1982: ”Internet “use first time in world.

1984: DNS (Domain Name System) was introduced using network addresses. They used extension like .org,.com etc with Cyberspace term established.

1985: Quantum computer services were introduced it offer email, News and other information.

1988: A virus was introduced.

1989: Dial-up connection introduced to access internet. CERN developed a new technique for distributing information on internet. They called World Wide Web (WWW). WWW is used to link the information from the page to another page.

1991: Creating indexing and developed point and click navigation is called Gopher. It become most popular interface also developed WAIS (Wide Area Information Server) indexing system.

1993-1994: Mosaic was developed at NCSA it handle internet traffic. Earlier the commercial sites were formed they started Mass marketing campaign via email and the term spamming was introduced in Internet.

1996-1998: Around 45 million people start to use internet. Internet traffic records are broken. The broadcast creates 46 million’s hits in one day. Blog i.e. weblog was introduced.

1998-2000: Google open first office in California. Start to use internet for music over internet. Introduced the term E-Commerce for online shopping. The heavy volume of email messages send and received.

2001-2003: About 9.8 billion email messages are send day by day. Wikipedia was made. Around 544.2 million population use internet from worldwide. User start to download music files in huge range. Spam, unsolicited emails becomes server-Clogging menace.
2004-2006: Internet worm was introduced, it spreads through internet server. YouTube.com was launched. More than 92 million sites on the web.

2007-2008: Start web recreations Google and hurray snacks the new internet searchers and advertising. They continually created to discover a better approach to discover data inside constantly developing number of site pages. Voice acknowledgment utilized for PC standard. Created instructive programming turn out to be more valuable and fascinating to understudies as representation and video are consolidated.

2012-2014: Major protest online started. 24 hour’s shutdown of English languages Wikipedia sites started. Downloading of illegal information or mass media files and the watching of online TV shows is stopped. A coding error was discovered by encryption software was introduced which made transaction between computer and remote secure, make users vulnerable to had their user names, personal information and password stolen.

Expert of computer security suggest to change their passwords.

1.1 Table shows use of Internet as per world

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of user In millions</th>
<th>% world Population</th>
<th>Information source</th>
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<td>16</td>
<td>0.4%</td>
<td>IDC</td>
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<tr>
<td>1996</td>
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<td>IDC</td>
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<tr>
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1.8 **Background of Internet**

The origins of the Internet seen by back dated to independent, Computer network and packet switched network build robust and fault tolerant communication in 1960s which is given by international research commissioned. In 1990s network for commercial linking also enterprises trade start to begin for modern internet and its growth with personal and mobile computers are connect to other networks. From 1980 internet is used for academic purpose, the commercial services and other technologies also used for modern life. Use of internet growth grow rapidly in the mid of 1990s and late of 1990 its develop in world. Use of internet is increase 100 times measured in one year from 1995 means from last 20 years, to over one third of the world population.

Internet is very useful for everyone. It is the super high way of information. Internet cost has been decreases as per time. Also cost of computer system, its hardware and modem is also come down. Suppose anyone not having computer that time they use internet by using mobile. All major smart-phones support browsing functionality. There are many benefits to use of internet like searching information, reading news, reading new researches, and communication with remote areas people, sending mails, watching online videos, downloading and uploading data etc., as per growth of internet its convert into overuse of it which leads to the addiction of the Internet. Internet can be uses to collect information from the world. This information may be related with medicine, education, any software, research literature, computers, business, friendship, tourism, and leisure. Internet also used for business purpose it is known as Electronic Commerce (E-commerce). The use of internet can also be seen in the field of transaction of banking. Many banks like SBI, Axis, HDFC, HSBC etc offers online banking facility for their customer. They can transfer money from one account to other by using net banking facility.

Internet possibilities are endless. Some users spend their time for surfing by different websites. Some user tries to view meaning less websites which is not useful for them. It is bad tendency. Internet is must be used for developing, not for decay. User need to understand internet operations, it is must for user. Also try to collect information on
internet which is useful for user. This century is convert into information technology (IT), it is back bone of internet. Overuse of internet and problematic internet addiction are characterized by poorly or excessive controlled preoccupations, its usages which leads to the impairment and distress. There is no such recognition for the different disorders due to such addictions. There are no specific diagnosis. It is suggested to include for the next version of the diagnostic and also for DSM (Statistical Manual of Mental Disorder).

1.9 Internet Usage/World:

As per on survey study it clear that from over all world teenagers are most internet addicted. Some studies also found than female used less internet than men. They spend time on internet for good purpose also like communication with their parents, searching information etc. Here we see that total result of overall world than it clear that more than 60% users use internet daily.

Following are the indications that might be useful in order to deal with a problem or situation:

1.9.1. Realize the possible cause that may lead to the Internet addiction:

If the person is addicted to the internet addiction is having the stress, depression then they may have the self-sooth rocky moods. Self-soothing method help for sooth clam and relax user when user are upset. It not only reasonable approach to help alter unwanted moods. Sometimes, changes are good as reset. Other good way is that distract user is to immerse them self in comedy. Suggest them to watch movies or T.V. shows. Also listen favorite songs. Read a funny book or magazine.

1.9.2. Be a Social Person:

Internet addicted person becomes stressful or angry easily over the normal situations. Maybe the person which is Internet addicted have relationship issues with other peoples in their real life. When they will go more social over virtual world helps to reduce the stress and strains of the life.

1.9.3. Build the Time management for the life:

Give the time for the real life relationships than the virtual relationships. Set the time for the friends and family members each week or day. Also, try to play the sports on the
ground than playing it on the virtual world. Try to find the interest in the sports team, education, hobbies like book reading, trekking etc.

1.10 Internet Addiction and Relationships

Internet is not only world in which we search information about all topics. From WWW peoples learns more advantages, for getting information related to harmful situations or places around world while they travel or visit them. Anyone can learn from the Internet at home as now day’s teachers also accept this as new mode of the education. By using Internet from over all world people close to each other and try to make it small. User can communicate easy live for shearing videos, email over the long distances looks like they are not much far from them.

Peoples use internet for try to cheat others to creating fake personality. It is one of disadvantages of internet. Many peoples fail in fake relationships and find themselves guilty. When anyone use internet from teenage that time internet is a part of their daily life. When people watching T.V for news or serials and they will get ready for their regular work, internet user watch that at any time anywhere, and they found them self on their computer. They have habit to wake up earlier than their regular time to check their emails before the leaving house. After come back to home in the evening, first turn on their computer. Sometimes they forgot to take dinner.

The relationships and friendships which build by internet are different than actual. There are many occasions on which the people telling lie while building the friendship or relationship. Internet addiction is defined as a disorder, which never includes use of a drug and is very alike to gambling. Some Internet users may be developed their emotional attachment with friends from online and also activities which they create on their computer screen.

In the Internet addiction the peoples are more likely to get hurt emotionally, physically and mentally as they don’t which areas of Internet to avoid. In many studies carry out to study this and found that the more than 30% of the users find adverse effects on their lifestyle. Especially male users get attracted towards the Internet than the female users. As an English the main language widely used by the maximum number of the user between them. There are no boundaries between the peoples to communicate with each other the Internet. Peoples not only do the chatting themselves but also do the emails, website surfing for the information. As an Internet is the tool which is easily available and cost very less to them
over the other available tools for the communication. There are few types of the Internet addicted peoples as follows:

1) Peoples having virtual relationship addiction
2) Addiction of playing the online games
3) Addiction of collecting information
4) Addiction of Cyber Sex

One can have one or many addiction at once also. As these addiction becomes the habit for them and they have the physiological symptoms if they don’t find the Internet for them.

Peoples addicted to the cybersex because of easiness of the communication between the different genders across world. This type of internet addiction is dangerous and it shows bad effect on their real life. Some peoples even forget the real life tasks also. This results in doing the activities without the concentration and many times they do the things which are exactly opposite to the things they wanted to do so. Sometimes this results in breakup of their relationships and even marriages also. These internet addicted users are more interested in online friends and there online relationship. They happy with it rather than their actual life partners. As they rely on the person which physically absent but virtually it is there.

1.11 The effect of teenagers growing up on Internet

Teenager those grow up in internet age they face a different challenges and obstacles than those teenagers who grew up in earlier and simple times. Internet is available for teenagers for stimulation and communication at home, at school and also in their pocket by using smart phones. Now a days it is need that teenagers understand limitations to understand the how it is danger and how it is used for education as well as benefits of constant internet access. There are some effects of teenager these are follows

1.11.1 Identity Issue:
The effect of internet on teenagers main issue is by use of internet expressed how to identity is shaped. It expressed by two ways. First issue is by using internet it creates alternate identities, people can assume completely new personas. Another way is this is a healthy and typical way of interacting on internet. This type of behavior seen in chat rooms, on social media sites, and in gaming environments. Internet is also offers anonymity while others use it as an excuse to get away with behavior such as bullying or lying that they otherwise not
engage. With internet now teenagers grow ups they create identity of online, also parents need to work with them to ensure that it is a healthy and ethical one.

1.1.2. Social Interaction:

Internet is constantly available now as a sort of surrogate for face to face social interaction; teenagers grow up isolated, personal communication skill that suffers as a result. Use of social networking sites or online games continuously it interaction of real world social interaction. This can be make real world social situations difficult for teenagers also creating problems later in life. This type of skill is important in higher education and those teenagers they will do job later in life. At same time other teenagers took benefits for communication which get by online. Some studies found that teenagers feel free when they shear their feeling also communicate openly when they use internet.

1.1.3. Learning:

For education teenagers faces new challenges and opportunities is a result of internet. Students access many number of educational recourses that previously possible. As per one survey 65% sampling believe that internet helps students for self-sufficient when it uses for education and research. On other side 87% respondents who are educators believe that the internet is contributing to a generation with short attention spans.

1.1.4. Parenting:

The largest effect of teenagers growing up on internet involves parents need to approach the task of raising teenagers. Its parent’s duty to watch how much their teenager uses the internet constantly. Parents must make that their teenagers aware of dangers of internet predators and bullies, teach them to use internet responsibly, also monitor them for over dependence on internet.

1.12. Internet is Harms teenagers more than it helps?

In today’s life internet essential part in our life. People from any age used internet to search information and entertainment purpose. Internet is cheapest way to searching information or communication. Teenagers are no exception. Everyone knows that internet is valuable tool, but some time it misused by contemporary society. Mostly it has effects on teenagers. Mainly there are two gadgets which effect on teenagers one is cell phone and other
is internet. Teenagers access the internet at Home, School, Cyber Café, Public places or on the cell phones they have. Nowadays most of the teenagers use the smartphones. Parents are most likely to have the more responsibility for the teenagers for their excess use of the Internet which is affecting their lives.

In the teenagers life they are full of energy and there are emotionally not pretty stable. They are under the phase to becoming an adult from the teenagers. They are searching and establishing the roles, tasks in the society. Teenagers just started to explore their emotions and the feelings with attitude. This helps them on the way of journey to become more stable and successful person. However, now day’s the teenagers spend most of the time in the virtual reality to watch their favorite TV shows / sport matches, downloading the movies, songs and chatting with the other friends. Teenagers get attracted towards the websites or web portals as they were designed with bright colors, glamour’s and fresh look. This attracts the teenagers to watch or download the movies, songs and play online interactive games. As they spend much more time over the Internet they have very less time to spend with the family and the friends. Who spends lots of time over the Internet faces problems with their studies and also lack moral to do so. Also, ignore their physical activities and loose the friends due to hominess due to the addiction towards the Internet. This all results in their behavior towards to others and they live there life more virtually than the real life.

As per the study carried out by the Pew Internet and American life project in America they have found that more than 95% of teenagers use the internet and out of them most of the teenagers use the internet to hangout on the social websites like Facebook and the twitters. Very few teenagers use the internet to gather the information and resources required to them. This leads to disaster in their lives as they lost the moral and have the physiological issues to deal. This is only due to themisuse of the Internet for wrong reasons. Information spread over the Internet is not bound to any law and it is not controlled also. There are no other ways to simple cross checked that information. Teenagers unable to differentiate the reality of the virtual and real, due to this they are unable to check the reality of the life they living virtually. Teenagers now days using more technology and there dependency is increasing on it.

Teenagers now days using more technology and there dependency is increasing on it. Most of the teenagers used the internet for the sharing the information or communication with friends and family via emails or chatting via applications like what’s up etc. Teenagers don’t know much dangerous Internet is to them if they have more unnecessary uses. They have the easy exposure to the porn sites and cyber bullying via many websites. This exposure has the
negative impact on their social lives and activities. As they get the access to the things which they should not know at such early stages of the life. Teenagers love to play the online games which are beautifully designed which attract them and there are number of websites which offers the free online games to play. They have the less physical activities as teenagers preferred to play the online virtual games than the real outdoor physical activity games. They love to play football, cricket online but on the field they don’t. Due to this they have the dieses at very young age. Studies show that the teenagers who spend the lots of time over the Internet have the low eye visions, spectacles, strains in the neck, back and the shoulders. Some children’s have played the overnight online games and have the uneven food timings, have the stomach problems also.

Mental health of the teenagers is also gets disturb due to the over exposure towards the Internet. Teenagers love to interact with friends online, but offline they found that it is difficult for them to make the friendship in real life with the others. They become the depressed and tensed. They have the felling of the alone. Easily available Pornography is a threat to them. As this result in the sexually addiction of the teenagers. They minds gets diverted drastically and they may get affected by the sexually transmitted dieses (STD). This is not good for the society as the generation is getting affected.

Some unsocial elements crookedly trap the children’s via internet try to kidnap them. They can use the anyones personal information in order to blackmail or to do some sort of damage. In many cases the parents give the access to the internet to the children’s thinking that they are allowing more freedom and facility to them to study. However, this is not monitored and excess of freedom goes in vain, as children’s use Internet to play the online games rather than the studies.

Teenagers spent much of the time over the Internet which has the wrong effects on their confidence, moral, social and educational activities. They may have irregular food time which causes them headaches and sleepless nights. The use of the technology is good but, the way the technology introduced to the children’s is not good. For e.g. while accessing the porn site they ask only yes or no for the age proof. Teenager for the curiosity says yes and they get exposure to world of pornography at early age of their lives. Parents should know how much Internet exposure they should give to the children’s and on what web sites they are hanging around. Parents should have the involvement with teenagers.

1.13 Internet Addiction Disorder
As per some definitions Internet Addiction Disorder (IAD) means overuse of internet which is habitual and changeable or moody behavior when deprived of it (Mitchell, P., et.al, 2000). Internet addiction disorder (IAD) means addiction of modern day. Persons who are addicted towards internet can exhibit symptoms, face consequences and suffer drawbacks. It is same to other addiction like shopping, drugs etc. One way to found that person having internet addiction disorder is like virtual environment not a real life. They will attract more towards virtual life. They need internet for daily living. Bad thing is that internet addiction is affecting on millions of American and they seen bad effect on their family also. In basic areas it shows effect on work of school, with their relation and also family.

In today’s life there is fast development in modern science and technologies, Internet technology is also easy to use and easy to learn for our daily life. This rapid development in Internet and network construction increases its users. This uses of internet also increase the problems like Internet addiction disorder (IAD) is as real an addiction as alcoholism or compulsive gaming. As like other addiction Internet addiction does not cause the some type of physical problems, like alcohol but the social problems parallel these other establish addiction. A younger user (age between 18 and 24 years old) were more addicted than older user. The terms like excess use of the internet, pathological use and disorders. Internet addiction disorder is a real addiction such as gambling etc. Because of Internet addiction, there is not only physical problem, it create problem such as alcohol, also loss of control, craving, academic failure etc.

IAD was originally proposed as a disorder by Goldberg, M.D. in 1995, after some time that topic had taken seriously by researchers. It includes some habits like reading playing computer games, watching online movies, TV shows, which affects the activities of the normal life. It include sub activities, exorbitant, overpowering, or inappropriate pornography use, gaming, online organizing, messages, blogging, shopping on web. Internet Addiction is subset of a more extensive "fixation innovation". Utilization of this innovation began from radio in 1930s and TV began with 1960’s, however has as of late blasted in significance amid the current advanced age.

Internet addicted people can develop many type of disorders such as IAD. Those people Internet addicted peoples shows the symptoms like the addiction of alcohol, gaming etc. There are following criteria of internet addiction disorder

1.13.1 Salience:
Internet addicted persons suppressed their feeling, behaviors, thinking with the help of the internet and it is the most excitement work they have to do.

1.13.2 Mood modification:
It shows subjective experience which is people’s reports on them to engaging them in use of internet and can be seen coping strategy.

1.13.3 Tolerance:
It is the willingness to tolerate the opinions or behaviour that one dislikes or disagrees with others.

1.13.4 Withdrawal Symptoms:
The feelings or the emotions suddenly stopped or interrupted when they are about to express.

1.13.5 Conflict:
This is related to the behaviours of internet addicted person and the peoples surround to him. IAD more concerned with the use of the internet activities and not with the emotions or activates of the people’s around him who ends in the conflicts and IAD wants to spend more and more time with the Internet.

1.13.6. Relapse:
The propensity for rehashed of web use inversion to earlier example to repeat and for even most great examples run of the mill of abuse of inside or fixation can be quickly reestablished, even after times of forbearance or control.

1.14 Causes of IAD
Internet addiction is divided into three subtypes. These three are gaming, sexual preoccupations, and text messaging or email. These three having following common component, these are
- Excessive use
- Withdrawal
- Tolerance
• Negative repercussions

In today’s life some people are frequently on the Internet extensively because of jobs. But some people take advantage for socialize for friend and family who not live nearby. But when Internet use is a problem when user start to neglect user’s important areas of their life then Internet is feel like a problem. In order to use the computer like school, work and relationship.

The digital technology use, internet is included in that. Peoples use internet very casually an addiction for there are many reasons, it shows feeling like anxiety, depression or loneliness. There are some symptoms of IAD

• Unaware of the time spend over the Internet
• Experiencing trouble finishing undertakings at home or work
• Hide the use of Internet from friend and family hiding use of internet
• About internet use they feel like defensive or guilty
• Experiencing a sense of enjoyment when they doing online activities

There are some physical symptoms also like

• Trained eyes
• Sleeping problems
• Carpal tunnel problem
• Significant weight gain or loss
• Head pain

1.15 School Students and Internet Addiction

A typical gathering for examining IA has been understudies. School understudies i.e. young people are considered as second high hazard bunch for IA on the grounds that

• Less interested in some topic from syllabus
• Cheap cost for internet
• Currently students from age 13-15 with less control by parents on their activities over the Internet.
• Try to copy use of internet from their parents or seniurs.
• Teenagers experience problem of making the new friends in their schools and they try to find or try to take help of the application supported by the Internet.
• Teenagers gets the supports from the teacher and parents in using the different application of the Internets.
• Currently teenagers get more facility and technology to use the internet than the previous genders.

1.16 Characteristics of Internet Addiction

1) Easily access:
Now a day’s many devices are available using that we can access internet. By using cell we can access anywhere 24*7 hr.

2) Easy to search:
Now internet is search engine. By using internet, we search any information, location etc. in one single click.

3) All work done by single click:
Because of internet use, it is easy for corporate people. They done their work like paying bills etc. from their office in single click.

4) Playing games:
Many online games are free to play or they have cheap rate. Now a day’s teenagers are like to play online games and online games are more interested to play. These are indoor games so parents also feel safely.

5) Easily available:
Now a day’s internet is easily available in smart phones. Many sim companies provide internet in cheap rate.

So although most of teenagers in India is attracted towards internet because of easily access & easily available nets people feel sophisticated but there are problems with internet addiction.

1.17 Signs of Internet Addiction

1. Users spend more time with internet than with people.
2. Users can’t abide by their own boundaries for content on internet.
3. Not telling truth to others about their internet usages.
5. Most of time spending on their internet.

1.18 Internet boom in India

One study from India, from engineering colleges in different states. They collect sampling from Panjab, Haryana and Himachal Pradesh. This study found internet uses and issues related with it with students and teachers. Forget result they used questionnaire and they distribute it in 1980 teachers and students from 3 states. They found that from their collected data 80.9% was response there. This study also try to find that use of internet, internet uses frequency, methods of learning internet skill, frequently most of places where to use internet, purpose of internet use, internet services, how to get information from internet, problems which faces from internet and level of satisfaction to use internet in college. The survey result of this study, they provide internet benefit over conventional document. They also found that internet is good instruments for teaching, learning and for research purpose for these respondents. (Rajeev Kumar, 2006).

Internet Usages in India have growth around more than 11 times over last 10 years. This boom is not only for metros but in cities and villages also. The top eight cities this growth is very faster than villages and cities. Use of internet in schools and colleges is the one of reason of fast growth of internet. More than 78% people use for email, nearly 38% use for information search in 2000 but now it’s grown up to 25 times more. More than 65% use for general information searching 50% use for educational information 80% use for entertainment purpose.

In India around 120 million people use internet. Mostly for communication with social networking used internet and also information searching. Internet also used for communication, social networking, getting information and influencing India’s consumers is on peer with that of developed country. Currently cost of internet access is going down; India appears to be leading for and Internet boom. The Indian government recently announced a Digital India interactive and put online government services for limited infrastructure and obstacles. Also available digital literacy easily for citizen. Also wealth online services provides because of National portal of India citizen. Internet market now grows high in past some years because of cheap smartphones also less prices.
Now a day’s more than 60% users used internet by using smart phone. So internet addiction is rise. Some studies suggested that internet addiction increases also because of social networking sites and cell phone use. One of study try to find out questions about gaming addiction because of online playing games like(1)the nature of the addiction is different than various addictions, like Internet related gambling?(2) What is the difference between the risk factors that leads to gambling and Internet gambling? This research was review about addiction nature, computer gambling communicate by internet connection. Psychological and biological risk factors for addictions they shear and squeal are similar. Because of access and availability this type of addiction is more to occur than historic moments. Most of the cases the particular addiction is more prevalent than others at periodic intervals. More availability of the Internet in social setting turns into the function of culture and psycho economics(Howard J. Shaffer 2004).

Another study found that internet gaming addiction by use of holistic approach. Online gaming addiction associated with neuro imaging finding. Also American Psychiatric Association helps for currently diagnostic framework. The study found that in internet gaming addiction some factors plays an important role to understanding it. A holistic phenomenon one of is contextual factor. They suggest that internet gaming addiction for official diagnosis suggest improvement in area of problematic behavior with individual thinking, the game and gaming practices also environment of broader socio cultural it shows gaming behavior derived from their thinking. Empirical research not adopted by the holistic approach that also confirms neurobiological relation with internet gaming addiction with establishment of a preliminary diagnosis. But there is need for emphasizes for in depth understanding of meaning, context and practices related with games. A holistic understanding will benefits users. It help professional for problematic online gaming as treatment. It more targeted and consequently more efficacious(Daria J.Kuss 2013).

When we talk about cell phone one study said that for communication cell phone plays an essential part in the world. The technological development that many Americans have experienced has significantly changed for human communication way and communication with other. They conduct exam for Elon students about their behavior, talk them and online survey. They found that student were addicted toward cell phone. 64% students interact with new devices one way to other in campus. The study also found that the need of self-satisfaction achieved by using cell phone use has negative mental effects on them (Tessa Jones 2014).
1.19 Internet Addiction and India

First use Internet or computer in America. That time around 40% used slow dial up connection after that use the broadband and hardware technology growth to Internet use is to 80%. They use internet for their fun and shopping etc purpose also. Now internet used in India also. All user of internet in that include teenagers use of internet is around 89% of the 28 million active users from 30 cities used internet for email and 71% for social networking. In an India use Internet in mobile also. In India teenagers continues used internet. This is open market for younger whose age below 18 years of age. Teenagers mostly first used internet café or cybercafé but they usage is on decline so now mobile is the new medium for use the internet. Teenagers use mobile in everywhere. The internet offers a various amount of information for free of cost and resources that can be reason in bad shape for life of a teenager. As a result, for wrong reasons, found that many teenagers destroyed psychologically and morally because of overuse of internet.

Low less information posted on internet. Internet information is not controlled also there is no way to check its reliability. So main problem created with children they face problem like they can’t understand that what is real and not real. Also they not able to test reality with virtual world. Most of teenagers access internet which they use to send and receive email, instant messages, online chat and more things. They not think about internet is also harmful, they continuously use internet. Some time it seen adverse effect of internet in teenagers’ social life. They having huge collection of games which available on Internet it is a reason that teenagers stop to play outdoor activities.

In social networking sites users interact with the real life friends and meet the peoples via public or social profiles and share the common interest. Addiction to social network sites face mental health problem for some users. So this is also one of the addiction problems. One study try to find relationship between internet addiction and depression. They found that with high level of depression increased time spend on shopping, playing games, and with low level depression associates with sending emails and visiting chat rooms (Morgan, C. 2004).

India became an information technology society from some decades. In 1995 provide public access for countries by the first Internet Service Provider (ISP). With increasing popularity of the internet some private ISPs also rises. In modern life Internet plays a vital role, we use internet for communication, information searching, and business activities.
The use of the Internet increased rapidly in 2001 it was 5.6% of the population to 2010 it increased up to 26.3%. Internet has received serious consideration as due to its rising popularity and its issues like negative impaction, addiction of it. Addiction of the Internet in the Indian teenagers is becoming concerns due to the overuse of the internet.

**1.20 Internet Addiction Policy of Government**

Dependence of web is one sort of confusion; it includes resistances, a few manifestations, full of feeling aggravation and intrusion of social connections. Analyst recommends it happen due to longer time on the web, withdrawal from family and companions and so on.

In china Internet addiction is serious problem. They already taken action against Internet addiction. They found around 2 million teenagers addicted towards internet. So treatment center open by China Government. They care about high internet addicted teenagers and younger. They found private boot camp to combat this disease. They provide psychological disorder treatment, like training in military style. In 2004, 70% patients which are male age between 14 to 19 years old shows recovery rates over the 1500 young from treatment.

India is the 5th number to use the Internet. In India teenagers and younger’s use internet in colleges also in schools. In our country Indian Institute of Technology (IIT) in Mumbai some colleges adopted technologies now day's they try to minimize student’s use of internet in school dormitories. Students in schools are prohibited to use the internet in 11.30 pm to 12.30 pm. They found that when students use internet it reduce their activities of social and cultural. Internet is endless source to searching information. Internet is bringing addiction, towards the criminal activates which force the governments worldwide to take action to protect the teenagers from it.

**1.21 Formation of National Informatics Center (NIC)**

Considering the growth of India in Internet, RashtriyaSuchnaVigyanKendra formed a new ministry of Internet. They assumed significant part in directing e-government application in administrative office at national, state and region levels.

NIC offers telecommunication networking services including TDMA, FDMA etc., VSAT, wireless MAN’s, gateway with LANs for internet and shearing of internet resources.
It is system foundation likewise e-government backing to India's focal government additionally state government furthermore other government bodies. It implement IT project in relationship with central and state governments for communication and IT.

NIC part of the Indian Ministry of Communications and Information Technology’s, Department of Electronics and Information Technology

Their main head quartered in Delhi. In 28 states from India they having 7 union-place headquarters. At New Delhi Headquarters, Mean Head countless Divisions exist they give all out informatics backing to services and Central Government branch.

1.22. Virtual Learning Community for Faith Formation (VLCFF)

It provide Internet Distance learning initiative to support adult information in areas of catechetical ministry, etc. The purpose of this is to offer adult faith and catechist formation anytime and anywhere via by internet.

1.23. Internet Work Force

The use of internet is continue growing mainly by using mobile phones. New data is released to showing that how this growth change from global economy and also for workforce. It found six issues to represent how habit of internet changing in peoples for their living.

1. Intoday’s life there are near to 3 billion peoples used internet, in 1995 there are near by 35 million shows when internet trends first time published. Now only 39% of world’s population.

2. In other words near to 73% used the mobile from world population. That means people already access devices which is connected to internet.

3. Now a day’s many companies introduce connectivity with smart phone with high quality. According to some studies 87% of user said that they not leave phone and 80% said when they walk up first see their phone.
4. Now a day’s two countries are found that higher mobile traffic rate than other countries. These are India and Nigeria.

5. Many hands many devices related to mobile. Meaning of it is to reach global workforce there are many ways. On demand services are increase is the reason of this productivity. It gives new force work in new way to get flexible jobs to supplement their income. Other countries like US main source of income for people to earn money is web market places.

6. Internet and new technologies also make workforce inequality most visible.

1.24. Why Solapur District?

In Solapur district there are many schools. There are some IT companies also. In Solapur dist. use of is mobile in large scale. Farmer scale as compare to other is large and their kids learn in Marathi medium schools. They also use the internet still there are few research on this topic. In Solapur dist there are more villages than cities. Sothis study tries to find addiction in villages also from Solapur District. In Solapur Districts girls i.e. teenagers also use the internet so also try to find out they also addict to internet.

1.25. Growth of Literacy in Solapur District

In an Indian state of Maharashtra, Solapur District located in south eastern. It is divided into B-2 class city and 2 tires by HRA (House Rent Allowance) classification by Indian government. In this District mainly speak languages like Marathi, Telgu, Kannada, Hindi and Tamil. Solapur District is fourth largest district in Maharashtra in term of land area and seventh largest terms of population.

To develop society literacy plays an important role. In Solapur district, the literacy rate recorded as 71.25 percent. Literacy rate compute on tahsil to tahsil. In Solapur District there are eleven tahsil offices. The highest rate found in North Solapur tahsil and lowest rate in Sangola it is approximately 76% and 66% respectively. In rural area it is 68% and in urban area it is 77%. In Solapur District in each village also having at least one primary, secondary and high secondary school.

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>Middle schools</th>
<th>High schools</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Place</td>
<td>Population</td>
<td>Literacy Rate</td>
</tr>
<tr>
<td>---------------</td>
<td>------------</td>
<td>---------------</td>
</tr>
<tr>
<td>North Solapur</td>
<td>167</td>
<td>460</td>
</tr>
<tr>
<td>Barsi</td>
<td>864</td>
<td>2648</td>
</tr>
<tr>
<td>Akkalkot</td>
<td>829</td>
<td>3970</td>
</tr>
<tr>
<td>South Solapur</td>
<td>1069</td>
<td>4296</td>
</tr>
<tr>
<td>Mohol</td>
<td>952</td>
<td>4623</td>
</tr>
<tr>
<td>Mangalweda</td>
<td>791</td>
<td>3908</td>
</tr>
<tr>
<td>Pandharpur</td>
<td>760</td>
<td>3925</td>
</tr>
<tr>
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<td>3862</td>
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<td>5337</td>
</tr>
<tr>
<td>Madha Dist.</td>
<td>785</td>
<td>3752</td>
</tr>
</tbody>
</table>

Table 1.2: Source: Census of India, 2001.

In Solapur District there are many schools and colleges. Student chooses medium as they want means Marathi medium, English medium etc. In each school they put subject computer and internet so student attract to find information on internet and it is interesting topic also. And now because of low cost cellphone, low cost internet rate poor person now also used internet by using mobile phone. So school students also used internet in their parent’s cell phone. Also teenagers handle mobile very well than their parents. Sometime parents don’t know that their kids seen in internet.

1.26. Literacy Rate from Solapur District
As per one survey in Solapur district 71.25% literacy rate found in 2001. However the literacy rate is different in different tahsils ranges from 66.28% to 76.09%. We consider as in Solapur District there is no difference between girls and boys for education below fig shows sex rate from Solapur dist.

Below table shows the literacy rate and sex rate from Solapur district.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Tahsils</th>
<th>Literacy Rate</th>
<th>Sex Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Karamala</td>
<td>68.66</td>
<td>925</td>
</tr>
<tr>
<td>2</td>
<td>Madha</td>
<td>70.14</td>
<td>922</td>
</tr>
<tr>
<td>3</td>
<td>Barshi</td>
<td>74.09</td>
<td>929</td>
</tr>
<tr>
<td>4</td>
<td>North Solapur</td>
<td>76.09</td>
<td>958</td>
</tr>
<tr>
<td>5</td>
<td>Mohol</td>
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<td>920</td>
</tr>
<tr>
<td>6</td>
<td>Pandharpur</td>
<td>69.78</td>
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<td>7</td>
<td>Malshiras</td>
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<td>8</td>
<td>Sangola</td>
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<td>Mangaweda</td>
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<td>12</td>
<td>District</td>
<td>71.25</td>
<td>935</td>
</tr>
</tbody>
</table>

Table 1.3 Source: Census of India, 2001.

Also in Solapur dist. Many facilities are available like Medical Facilities, schools, colleges etc.

1.27. Educational Facilities

Education reflects the overall development of the region. This facilities help in breaking illiteracy regions even under unfavorable socio-economic conditions. Below table shows that the educational facility at the minimum level of primary education is available from 1109 villages i.e. 97.64% of the 1138 inhabited village of the Solapur district and these 1109 villages have 4081 primary schools, in the district. On an average each village has one
primary school. Middle schools that are schools with facilities for teaching higher primary classes (V to VII standard). Total number of middle schools are recorded 3982 as per 2011.

**Village wise educational Amenities in Solapur District. (2011)**

![Table showing village educational facilities](image)

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>Inhabited villages</th>
<th>Villages with facilities</th>
<th>Percentage</th>
<th>Rural population served</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Solapur</td>
<td>40</td>
<td>40</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Barshi</td>
<td>137</td>
<td>135</td>
<td>98.54</td>
<td>99.00</td>
</tr>
<tr>
<td>Akkalkot</td>
<td>135</td>
<td>129</td>
<td>95.05</td>
<td>98.40</td>
</tr>
<tr>
<td>South Solapur</td>
<td>91</td>
<td>86</td>
<td>94.50</td>
<td>97.18</td>
</tr>
<tr>
<td>Mohol</td>
<td>101</td>
<td>100</td>
<td>99.00</td>
<td>99.37</td>
</tr>
<tr>
<td>Mangalweda</td>
<td>81</td>
<td>81</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Pandhrpur</td>
<td>100</td>
<td>94</td>
<td>94</td>
<td>97.13</td>
</tr>
<tr>
<td>Sangola</td>
<td>102</td>
<td>101</td>
<td>99.01</td>
<td>99.80</td>
</tr>
<tr>
<td>Malshiras</td>
<td>117</td>
<td>109</td>
<td>93.16</td>
<td>98.27</td>
</tr>
<tr>
<td>Karmala</td>
<td>118</td>
<td>118</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Mada</td>
<td>116</td>
<td>116</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td><strong>district</strong></td>
<td><strong>1138</strong></td>
<td><strong>1109</strong></td>
<td><strong>97.64</strong></td>
<td><strong>99.73</strong></td>
</tr>
</tbody>
</table>

**Source:** D.H. Rede from Socio-economic review of Solapur district 2011.

Below table shows facilities and also the number of institutions get reached in rural areas of the district. There are 290 villages having one or more high schools in each village. There are about 4000 adult literacy centers in the district. Status of educational facilities in Solapur District (2010-11) Educational Facilities 2010-11
### Table 1.5
Source: D.H. Rede from Socio-economic review of Solapur district 2011.

<table>
<thead>
<tr>
<th>Tahsil</th>
<th>Primary School A</th>
<th>Primary School B</th>
<th>Middle School</th>
<th>High School</th>
<th>Adult Literacy school</th>
<th>Rural Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Solapur</td>
<td>A-289</td>
<td>B-305.84</td>
<td>528</td>
<td>492</td>
<td>841</td>
<td>88390</td>
</tr>
<tr>
<td></td>
<td>A-229</td>
<td>B 1179.88</td>
<td>311</td>
<td>102</td>
<td>277</td>
<td>270,193</td>
</tr>
<tr>
<td>Barshi</td>
<td>A-348</td>
<td>B 753.07</td>
<td>826.71</td>
<td>3970.74</td>
<td>645.49</td>
<td>262069</td>
</tr>
<tr>
<td>Akkalkot</td>
<td>A-247</td>
<td>B-991.58</td>
<td>229</td>
<td>57</td>
<td>336</td>
<td>244921</td>
</tr>
<tr>
<td>South Solapur</td>
<td>A-321</td>
<td>B 893.06</td>
<td>301</td>
<td>62</td>
<td>294</td>
<td>286,673</td>
</tr>
<tr>
<td>Mohol</td>
<td>A-253</td>
<td>B 726.09</td>
<td>232</td>
<td>47</td>
<td>213</td>
<td>183,702</td>
</tr>
<tr>
<td>Mangalwada</td>
<td>A-471</td>
<td>B 433.49</td>
<td>454</td>
<td>88</td>
<td>429</td>
<td>34,547</td>
</tr>
<tr>
<td>Pandharpur</td>
<td>A-485</td>
<td>B 573.41</td>
<td>464</td>
<td>72</td>
<td>269</td>
<td>34,547</td>
</tr>
<tr>
<td>Sangola</td>
<td>A-479</td>
<td>B 953.54</td>
<td>476</td>
<td>71</td>
<td>425</td>
<td>45,674</td>
</tr>
<tr>
<td>Malshiras</td>
<td>A289</td>
<td>B 849.60</td>
<td>283</td>
<td>46</td>
<td>228</td>
<td>24,535</td>
</tr>
<tr>
<td>Karmala</td>
<td>A 404</td>
<td>B 752.42</td>
<td>387</td>
<td>82</td>
<td>248</td>
<td>303,981</td>
</tr>
<tr>
<td>Mada district</td>
<td>A 4081</td>
<td>B 726.73</td>
<td>3982</td>
<td>864</td>
<td>4000</td>
<td>2965794</td>
</tr>
<tr>
<td>district</td>
<td></td>
<td></td>
<td>744.80</td>
<td>3354.97</td>
<td>741.444</td>
<td></td>
</tr>
</tbody>
</table>

From all selected individuals it obtained failure to complete data.

### 1.28 The problem

Use of internet is to access knowledge with easy way and to shear information as well as document on commercial and personal level. In day today life internet is necessary for our daily life. In today’s life internet is heart of human beings. Before we used internet human life was deferent people gave love to each other, communication between people
was best, family relations were also good they try to tell truth always, people meet each other, but because of internet communication human directly interact with others so anywhere, anytime and with speed of light. In our country we use wide access and spread of internet, teenager seem to be more addicted to internet. Due to development of many social networking sites as well as mobile apps teenager attract towards internet and they use more internet than adults. Due to more use of internet there is bad impact on their academic performances; health and family. So researcher want study on internet addiction.

1.29 Objective of study

This study is imperative for explore the web dependence reality issue in the public area particularly for more youthfull’s and youngsters. Web is helpful to client for discovering data for their work. Essentially web is not use for just getting data, it utilized for some other reason too. On the off chance that utilization web persistently with no reason it change over into habit. It get to be not kidding and difficult issue. Many researchers recommitted that research conducted on Internet addiction among college students. TO knowledge of researcher, Internet Addiction has not reaserch by any one. It’s Effect on Children of Marathi Medium Schools. The demand of internet access in teenagers is growing and parents as well as in some schools provide the facility to use of internet.

Teenagers are encouraged to use internet and computer constantly for searching information, etc. It has been noticed that there is wide growth of internet At Marathi Medium School in India.Accessibility to use the internet is clearly a factor that encourage teenagers to overuse the internet accessibility is often provided free of charge.

Negative effects of Internet addiction were discussed in this study. This study is important for the parents and teachers so as to take care of their love beings. This study may create the social awareness about the Internet addiction. This study will give the knowlege for the indications of the internet addiction, its effects on the social, academic life of the students. There are following objectives

- To analyze to find out seriousness of internet addiction on teenagers
- To analyze to investigates whether there is gender difference in internet addiction among teenager
- To analyze to investigate where difference on internet addiction between kids and teenagers
• To analyze to effect of internet addiction on academic performance of school of teenagers

There are some problems as follows

1. What is Addiction?
2. What is Internet Addiction?
3. What are types of Internet Addiction?
4. What is structure of Internet Addiction?
5. How internet is useful/harmful for teenager?
6. What are the advantages and disadvantages of Internet for teenager?
7. What is level of internet addiction in teenagers?
8. What is the parent’s opinion about Internet Addiction?
9. What is the teenager opinion about Internet Addiction?

1.30 Hypothesis

With the above stated objectives in mind, the following research hypotheses are formulated.

1: Teenagers are more addicted towards internet.
2: Internet Addiction and Educational Qualification are independent
3: Internet Addiction and leveling level (high class and middle class) are independent
4: Internet Addiction and gender are independent
5: Parents agree that teenagers are addicted towards internet usage.
6: Agreeableness of parents towards internet addiction is same in mother and father.
7: Internet Addiction and gender from rural area are independent
8: Internet Addiction and gender from urban area are independent
9: Addiction in rural and urban area are same in girls.
10: Addiction in rural and urban area are same in boys.

1.31 Organization of the Thesis

The work presented in this thesis comprises the study of the effect and disorders in teenagers of Solapur District. The primary aim is to study the find out addiction among teenager.

The aim of this study was to evaluate the effects, to check whether they are really addicted or not, which are the main factors affecting these addiction, are there any problems which are faces specifically by women also to check addiction by rural and urban are same or
different in male and female, what are remedies of it. To study the teenagers in Solapur District and its school development.

1. To identify various addiction problems related with teenagers.
2. To analyze the growth problems in teenagers.
3. To evaluate family related problems in teenagers.
4. To identify causes for various problems and to provide some suggestions for online activities.

Chapter I: Introduction of the study
This chapter gives in details the introductory information of Study, Statement of Problem, Research Questions, Hypothesis, Definitions of Concepts etc. of internet addiction would be mentioned.

Chapter II: Literature Review
In this chapter shows different literatures reviews.

Chapter III: Frame work of Internet Addiction
This chapter devoted to study framework and also shows some framework of internet addiction with is effect, Symptom of Internet Addiction, Causes, factors and bad effects of Internet Addiction, tools to measure addiction.

Chapter IV: Methodology
This chapter devoted to collecting data methods which is used in study, sampling techniques etc.

Chapter V: Finding and Analysis
This chapter is the soul of investigation. It is made of details of kid’s attitude towards internet addiction. Data would be analyzed, interpreted and compare in order to find out similarities and differences between kids addiction from cities and villages also find out parent role in that as well as to make certain statements to draw conclusion. The graphs, charts, diagrams, tables etc. or any other statistics mode would be used in this chapter to make statements clear and meaningful.

Chapter VI: Summary, Conclusion & Suggestions
This chapter would summarize the entire research work with the conclusion that is outcomes of present investigation. There would be certain suggestions and Conclusion, Further development.

1.32 Summary
In this chapter describe information about study and background of study. Also written information about Solapurdist. In short here given summary of study in short form.