

Measuring the Impact of Internet, Technology & Human Communication: A Study on Bangladesh

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Abstract: This paper demonstrates that now in Bangladesh adult aged are redirect their brain in utilizing web and speak with other. They don't have enthusiasm for human correspondence and personal discussion. For some situation web have numerous positive sides likewise and make numerous assignments simple for us. From the investigation it's found that the students are the pioneer client of web and innovation. Some place perusing web makes simple a large portion of work of the work put. This answer is to discover the successful wellspring of human correspondence lately and to clear up the current state of web, innovation and human communication in this cutting edge age. Presently human communications are extraordinarily affected by web and innovation. Other than, these positives affect interpersonal organization antagonistic effect on society. Long range informal communication depends on innovation and is led over particular gadgets with no nearness of up close and personal association, which brings about a powerlessness to get to interpersonal conduct and flags to encourage correspondence. Furthermore, it can be said that web and innovation can impact individuals' life from various perspectives.

Keywords: Internet, Technology, Human Communication, Life, Effect

1. Introduction

The point is about the effect of Internet and Technology on Human Communication. Online web access is rolling out critical positive improvement in our nation. Presently individuals can without much of a stretch speak with each other by utilizing innovation. Family members who staying abroad is welcoming the internet for frequent communication. Since 1990s Internet users rapidly increasing and it is become one of the most important topic for the research [1].

As the developing wonder of immeasurable perusing of the Internet; now-a-days scientists are attempting to recognize what are the effects of overwhelming Internet use, particularly for the young adults [2]. A past study has discovered 83.4% of the continuous Internet client's age between twenty years to forty years [3]. What's more, 30 of them perusing the Internet with no particular reason, 67% of them are male and one more fundamental issue is that youthful grown-ups act much like youngsters in their inclination to utilize destinations, where 72% of them are occupied with interpersonal interaction, days and evenings [4].

Another social class is being made predominantly among the youthful era that discovers the web a successful instrument for their advancement. Numerous delegate clients have expressed that a radical new world has been opened to them; they are getting another wellspring of information and association around the world. A gathering of youngsters prominently from the prosperous section of the general public is associating the web by utilizing it for the most part for diversion, which is surely not a solid practice for a poor nation like us. Beforehand numerous individuals are work in this theme and they fundamentally concentrate on those issues.

Principally, Asia has the most elevated number of Internet clients on the world, around 922.3 million, speaking to 44% share of the world's Internet client populace, as per information by Web World Stats. In Asia, there has been a growing concern on what has been marked "Web habit." It has been seen as a genuine general public health issue in certain Asian nations [5]. In Beijing, Shan Xiuyun, a main judge, has said that 90% of adolescent wrongdoing in the Beijing city was Internet-related [6]. As indicated by Chinese Ministry of Health, staying online over six hours a day and

having antagonistic responses from not having the capacity to go on the web are side effects of Internet fixation issue [7]. The Governments of China, Japan and South Korea have set up training camps, to give treatment to arrangement Internet compulsion as an aftereffect of this [8]. China will start to boycott the opening of new Internet bistros as an administration battle to brace down on Web dependence [9].

2. About the Study

This paper likewise work with this theme and research found that not just this thing there are numerous different issues that are additionally influence our correspondence by utilizing web as a part of numerous ways. In the same way as other individuals think this fixation of using web can be impact on individual connection. Screechy issue is one of the enormous issue that is the reason individual data licked by explorers. Unapproved individual can without much of a stretch access on individual data. Innovation and web have some constructive side additionally people groups are currently effortlessly done their work by using numerous most recent gadget and web. Numerous online administrations like online library help understudy to get their book on online site. They can without much of a stretch get their required book. They require not getting. Presently people can communicate with each other as often as possible by internet. Individuals can interface with their family and companions from everywhere throughout the world by utilizing web.

The development of technology, internet & human communication process has considerably improved our lifestyle. These have made impact felt on each and every aspect of life, including communication techniques. The development of communication has seen huge progress; from symbols to the latest updated mobiles! Each century has seen a new addition to the ever-growing list of means of communication. The invention of the telephone by Alexander Graham Bell in the year 1875 was the first technological invention that impacted communication in humans to a massive extent. Other subsequent inventions like that of the Internet, cell phone, etc., further eased and changed the world of human communication.

The ramifications of getting to the Internet for the sum and nature of human collaboration, in any case, can be significant. Truth be told, not just can the open doors for human collaboration on the Internet build up a feeling of submersion and social engagement far not quite the same as whatever tactile or engine authenticity can give (Schiano, 1999), be that as it may, likewise, our aggregate conduct has changed as an aftereffect of moment or unknown cooperation as it is in the internet [10].

3. Research Objectives

Primary objective:

- i. To describe the positive & negative impact of internet, technology & human communication.

Secondary Objective:

- i. To clarify the present condition of Internet, technology & human communication in a recent years.
- ii. To identify the effectiveness of technology, internet and human communication in 21st century.

4. Literature Review

Internet, technology and human communication are widely acknowledged as important recourses for socio economic development. Due to resources constraints shared access forms the dominant mode of access to these technologies in most developing countries. However, logically thinking, technology, internet & human communication have bettered the communication process and have done some harm. Everything has a positive and negative impact, and the impact of technology, internet on the communication process also comes as a mixed bag. This report presents a review of empirical research of on the impact of internet, technology & human communication.

It is characterized as a non-synthetic or behavioral dependence that includes human-machine collaboration, that can be either aloof, for example, seeing films or dynamic, for example, playing PC diversions (Widyanto and Griffiths, 2006) [11]. Additionally, Internet enslavement is characterized as a maladaptive utilization of the Internet that can prompt social and useful weakness [12]. Internet, technology & human communication has changed the style, speed & quality of interpersonal communication. These has emerged the new ideas of communication. As well as these mode of technologies has changed the style of communication process. Communication is a process where ideas, feelings, opinion are shared to the other person.

Make the daily routine of a person in this tech-savvy world. The day begins with a "good morning message" on a mobile app and ends with a "goodnight" on the same app. The social networking apps/sites are, like a virtual world! The incessant use of mobiles and the Internet for communication, use modes like online chats, emails, teleconferencing, video conferencing, networking sites, etc., among other tools. Mobiles, emails, and social networking sites are the most popular means of communication among the current generation.

With technology, communication is easy; even in cases when you want to convey something urgently to someone, mobiles and emails come in handy. Tech Video chats and social networking sites have played a big role in keeping people in touch. Technology has brought the world closer and promoted exchange of thoughts to find better solutions to any problem. Advancements in the modes of communication have promoted faster decision-making, and led to the development and progress of the world. Most businesses depend on technology for communication. For example, video-conferencing has made it possible to give the best education to students via expert faculty on the web.

The current generation lacks essential interpersonal skills (the ability to express the ideas and thoughts to others, face-to-

face). A major reason for this is the increased frequency of communication through texting and chatting on websites. This has an effect on nonverbal communication as well. Technological means have also affected nonverbal communication. Lack of face-to-face interaction has reduced the nonverbal grasping power of individuals. Many teenagers are always hooked to the social networking sites. They are closer to online friends, but the gap between parents and kids has increased considerably. Communication is lacking, as parents are not techno-savvy to the communication styles of the kids, increasing the generation gap. Consider socializing among people. Life has changed a lot; very few social meetings and get-togethers are held these days. People are more bothered about their online life, than their real social life.

Modern communication technology & internet have led to many problems. People have become addicted to the Internet and cell phones, and this has led to many anxiety disorders. People addicted to the Internet feel lonely and isolated. Many people abuse social networking sites and communicate with unsuspecting victims pretending to be someone else. This tendency has done more harm than good.

The current study of human communication can be broken down into two major categories; rhetorical and relational. The focus of rhetorical communication is primarily on the study of influence the art of rhetorical communication is based on the idea of persuasion. The relational approach examines communication from a transnational perspective; two or more people coexist to reach an agreed upon perspective.

In its early stages, rhetoric was developed to help ordinary people prove their claims in court; this shows how persuasion is key in this form of communication. Aristotle stated that effective rhetoric is based on argumentation. As explained in the text, rhetoric involves a dominant party and a submissive party or a party that succumbs to that of the most dominant party. While the rhetorical approach stems from Western societies, the relational approach stems from Eastern societies. Eastern societies hold higher standards for cooperation, which makes sense as to why they would sway more toward a relational approach for that matter. "Maintaining valued relationships is generally seen as more important than exerting influence and control over others the study of human communication today is more diversified than ever before in its history.

Internet has strengthened the bonding of relationship. According to Ellison, Steinfield, and Lampe (2007), social networking sites on the Internet may be used to strengthen relationships that already exist, therefore acting as a bridge between the online and offline worlds (Perez-Latte, Portilla Blanco, 2011). A study by the USC-Annenberg Digital Future Project (2006) on Internet usage found that 43% of Internet users who are part of online communities feel as strongly about their online communities as they do about their real-life communities (Gifford's, 2009).

In another research study among adolescents, a prominent finding was that participants who had developed friendships and relationships online consider them to be as real as

relationships in their actual lives. Further, these online friendships were described as being long-term, trusting, and very meaningful [13]. Because of potential attached meaning to these virtual relationships and the possibilities that human interaction may become volatile and unpredictable.

From all the above content, we can see that the internet & technology are totally new world emerging at the 20th century. The internet, technology & human communication create new ways for citizens to communicate, work, and share information. It is obvious that the Internet, technology & human communication have and will continue to change the way people live, also, these will make greater influence on almost all aspects of our daily life, the society and even whole the world in the future.

We cannot say with the absolute certainty that the internet & technology do well or harm to our life. The Internet & technology are just like a double-edged sword. Whether these do good or harm to people's life depend on how we exploit it and how the Internet inspire human intelligence. Therefore, the internet, technology are ultimately more beneficial than detrimental to people. The most difficult question for the future of the Internet is not how the technology will change, but how the people will change with the progress of the technology, internet & human communication process.

5. Methodology

The focus of this preliminary study was primarily on "Impact of Internet, Technology and Human Communication". A detailed questionnaire was developed aimed at determining the effects of Internet, technology on human communication. Twenty questions were used to determine predictor or impact variables. It was expected that competency in World Wide Web use would be associated with perceptions of success in doing research and two questions probed this issue. Second, three questions asked about the effect of Internet use on organization. Since Internet skills can be used in the study, two questions were included to determine this effect, if any. We were particularly interested in the possible impact of Internet on the development and maintenance of teamwork structures in organizations and included three questions on that subject. Finally, there were four questions that asked about personal variables like the relationship between Internet and changes in job skills, earning power and quality of life.

The questionnaire was presented face to face to 50 persons and 50 usable responses were received. A response rate of nearly 40 percent for a questionnaire that requires over twenty minutes to complete is considered excellent. This significantly exceeds the 20 percent response rate recommended for surveys of this type. We have used Likert 5 point skill data, when we survey on "Impact of Internet, Technology and Human Communication."

6. Analysis and Interpretation

The fourteen impact questions were presented to

respondents. Results are shown in Table 1. The means arrayed from 9% to 95% (Based on Agree and Disagree). Most of them indicate a very positive feeling for social issues associated with Internet. Some of them are positives have to do with individual comfort about Internet-mediated work place (no constraints from managers/colleagues, improved communication with others, more open to new ideas, supervisors encourage, do a better job, improve research ability). Participating on this research the students show that they are ahead of using internet and technology, not the reverse.

6.1. Analysis of Variance Comparisons — Gender

We examine differences that can be attributed to gender—with two significant results. Men are significantly more willing than women to attribute Internet as being responsible for making them more open to new ideas and are also significantly less likely to use the internet in helping their family and working place. Although, as indicated in the aggregate data, both women and men use internet and technology relatively in their working place. There is no obvious explanation for this result beyond the fact that women outnumber men in this study and particularly so in the non-quantitative disciplines. For them, the more recent

experience with Internet may have been particularly significant in opening a wider world of colleagues and idea sharing.

Table 1. Gender percentage.

	Person	Numeric Percent
Male	29	58%
Female	21	42%
	50	100%

6.2. Analysis of Variance Comparisons — Age

Figure 1 describes the interests among the people (based on age) to use Internet & Technology. In general, the younger respondents were more positive in their responses than the older, but the only significant differences were found with respect to women's support, where older were significantly less positive. There is relatively little information to predict the effect of reported age on technology interventions. In fact, in about half the responses the youngest groups arrayed similarly in satisfaction order. Possibly this is because many younger researchers enter the automation milieu with the same initial tendencies of anxiety and fear that are often attributed to older workers.

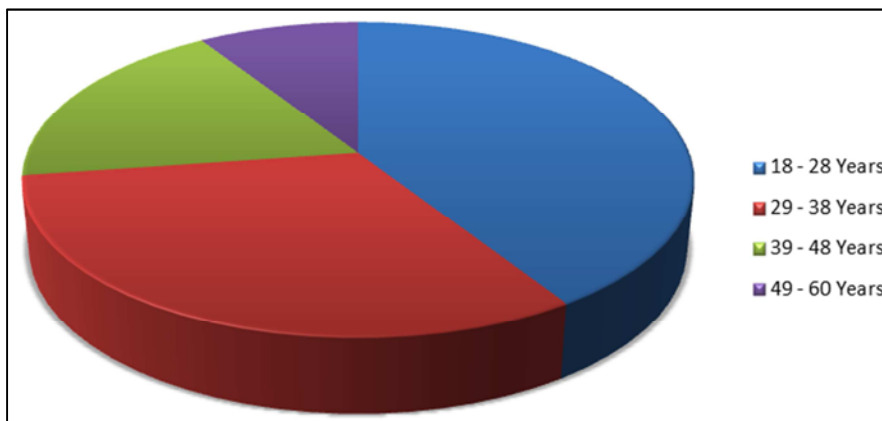


Figure 1. Age based internet users.

6.3. Analysis of the Statement Based in the Questionnaire

6.3.1. Statement 1

By using technology, communication is easier than face to face:

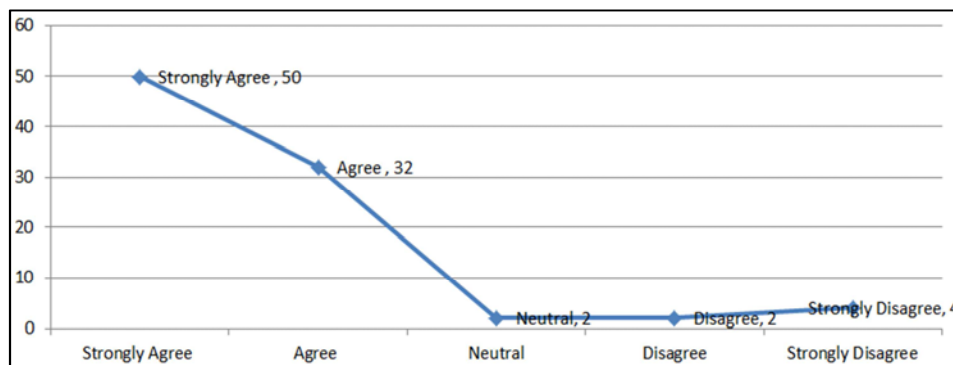


Figure 2. By using technology, communication is easier than face to face.

From the survey we found that most of the people are using internet and prefer technology. Here we found that 50% people are strongly agreed, 32% agree, 2% neutral, 2% disagree and 4% strongly disagree with this questionnaire. Because people think that it is easy to make a conversation through technology rather than face to face. So that, most of

the people are agree with that. Totally 82% people agree to communicate with people through technology.

6.3.2. Statement 2

Computer or mobile phones are used mostly for communication:

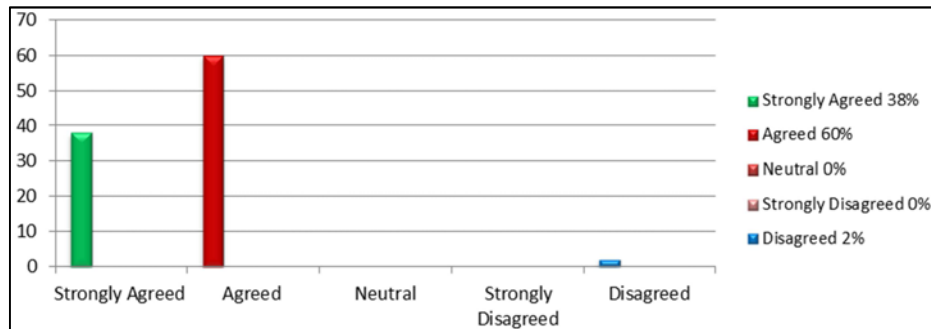


Figure 3. Computer or mobile phones are used mostly for communication.

Now a day's technology becomes a part of our daily life. Here 38% people are strongly agreed, 60% are agreed and only 2% are disagreed. Totally 98% are agreed to using technology most of time of the day. Technology is making our work life very easy and more convenient.

6.3.3. Statement 3

Browsing internet makes ease most of my works at my workplace:

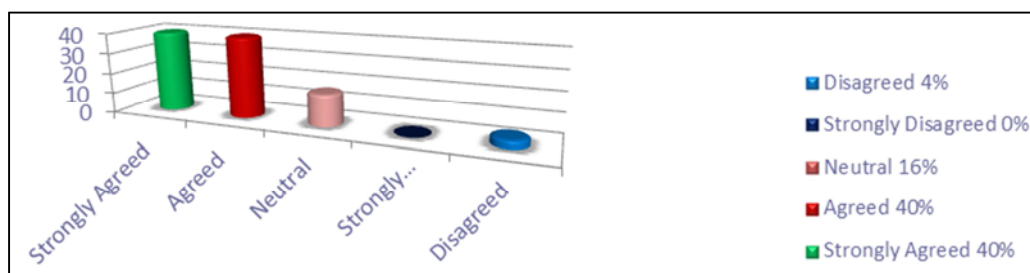


Figure 4. Browsing internet makes ease most of my works at my workplace.

Technology is one of the most significant element is internet. Through internet most of our work become ease to us. As questionnaire no. 3, we can see that 40% people are strongly agreed, 40% people agreed, neutral 16% and disagreed 4%. Totally 80% of people are agreed that internet browsing make their work ease in workplace. But in many industrial areas where internet can't help the worker or where

internet is not available, they are neutral with the questionnaire. And people who are disagreed because of they have no connection with internet with their work place

6.3.4. Statement 4

Browsing internet imposes bad effect on teenagers:

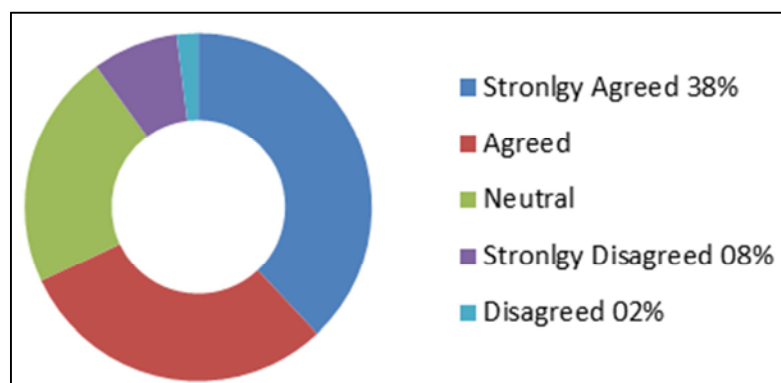


Figure 5. Browsing internet imposes bad effect on teenagers.

According to statement 4 we find that the bad impacts of internet. The young generation is now involved with virtual life deeply and sometime it drives the young generation in a wrong way or wrong direction. Totally 68% of the people are agreed with that. And totally 10% people are disagreed. Mainly decent numbers of people are using

internet negative perspective.

6.3.5. Statement 5

By using technology to communicate people can't maintain their privacy:

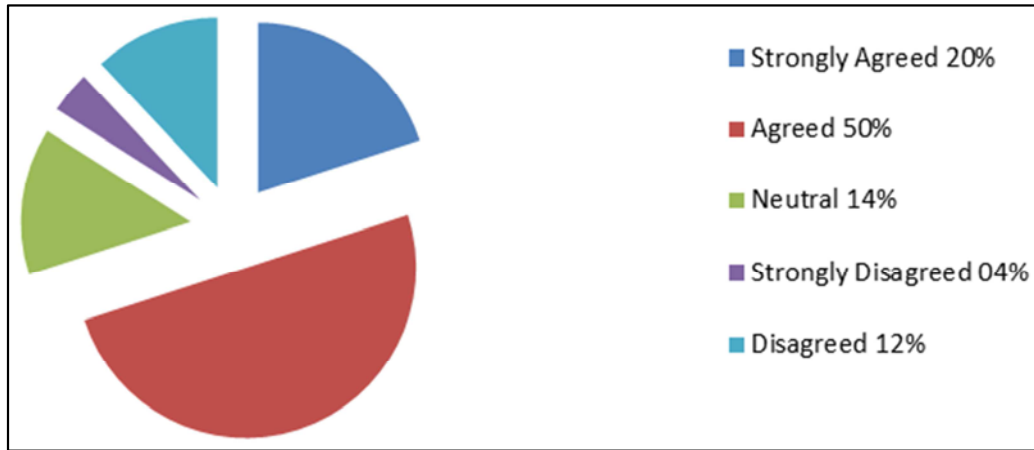


Figure 6. By using technology to communicate people can't maintain their privacy.

We made much conversation through technology, transfer information to the others. But sometimes many important information and also private information are leaked in internet. And it becomes difficult to maintain privacy. 16% people disagreed with this questionnaire. Because they think only few people who had a bad intention they do it.

7. Findings

After the analysis, the researcher find that internet is essential for now a days but it is also clear that the excessive use of internet can harm the human communication. Now the adult and young aged people are more dependable on internet. It's important that the technological improvement is necessary for the betterment of the future. Adult people need to be more concern about the use of internet cause anyone can influenced badly through internet, but it does not mean that internet should stop or minimize its service, cause it's just widen the new era of the globe and link one person to another.

8. Limitations

It is important to consider limitations to this study. The survey used a convenience sample, and therefore, cannot be generalized to a greater population. Additionally, the survey used a volunteer sample of self-selected subjects to participate in the study, potentially bringing about biases. Another potential bias is possible because only individuals with a Facebook, whatsapp, viber accounts had access to the survey, which excluded students who do not regularly check or use the social media platform. There was also an extreme gender bias since 42% of respondents were female, even

though females consist of approximately 45% of Bangladesh. We found something like:

- People were not ready to co-operate with us.
- Some people thought it was waste of time.
- Some people thought this project will not work out properly.
- Some people thought this is a fake project.
- Some people do not know about the uses of internet.

9. Conclusion

The aim of this report is to provide a brief summary about the impacts of internet technology and human communication. In today's workplace employees and young generation mostly depends on internet technology. In spite of having negative impact, its using rate is not declining in fact the number of user is increasing day by day. Through our research use found that internet is ruining relationship among each other, privacy is at a stake etc problems are creating but on the other hand we could figure out a lot of positive impacts also. Now a day's people prefer virtual life than being realistic because internet technology has made our life so easy. The young generation is using technology most of the time of the day. So, overall we can say from this report that internet technology are playing on significant role in human communication.

Recommendation

Although conscious efforts have been made to ensure that the data is valid and findings are reliable nevertheless there could be some error. Furthermore this research does not claim comprehensives, some suggestion for further research

to fulfill whatever gaps this project has left. Researcher can make a survey on rural areas of Bangladesh about the impacts of Internet, Technology and Human Communication. They should involve more people whose are more than 40 years old to know about their consequences of internet and technology through in our research the percentage of more than 40 years people is meager.

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