



The Impact of Information and Communication Technology on Adolescents in Social Life

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ABSTRACT

Communication with the development of technology that is very fast in today's era. The development of science and technology makes it very easy for people to carry out their activities in daily life. Even today, almost everyone can't get away from communication technology, as is the case with young people. Adolescence is a period of transition from childhood to adulthood who have begun to be affected by the environment and already have the will to be what they want. With advances in communication technology that spurs teenagers to carry out more intensive identity-seeking activities by looking at the figures in the media. Developments in technology are directly proportional to the development of human needs for survival. One form of technology that has experienced rapid development in the last few decades is information technology. This will not be separated from a human need for communication because in essence that human behavior is to communicate. Technology has existed for a long time with the passage of time continues to take place in human life. Thus it is also that the development of technology is directly proportional to the development and level of human needs for survival. The more modern in human life, the more modern technology in the current era. This will not be separated from a human need for communication because in essence that human behavior is to communicate. Technology has existed for a long time with the passage of time continues to take place in human life. Thus it is also that the development of technology is directly proportional to the development and level of human needs for survival. The more modern in human life, the more modern technology in the current era. This will not be separated from a human need for communication because in essence that human behavior is to communicate. Technology has existed for a long time with the passage of time continues to take place in human life. Thus it is also that the development of technology is directly proportional to the development and level of human needs for survival. The more modern in human life, the more modern technology in the current era.

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1. INTRODUCTION

The development of communication in adolescents will never be separated from the development of technology and information. The more sophisticated the technology that is found and used, it will not be separated from how the development of communication in the social community to interact with each other. Especially in people in urban areas or in big cities, the fabric of interaction to

communicate is built on the basis of technological developments to obtain information and communication, it is very common for all of us in social communities where each individual or person must have one or more communication tools created at the time of writing. technology, one example is smartphones both based on android operating systems, windows mobile to iOS which are connected to the connection and the internet.

The development of technology in this era is very fast. Various technological advances can be obtained very easily. Along with the times and the rapid development of communication technology between humans, it can be done with various means, one of which is the most widely used communication tool today, namely the internet, cellphones, twitter, facebook, Instagram, Whatsapp, and others. It is very good for teenagers, because it can add insight, on the internet, we can very easily find all the information that is very important for readers to know. This is what presents to us all the power of imagination and communication technology that makes it possible to spread all information in almost perfect quality in a very fast time.

The development of science and technology brings several changes in people's lives. The indirect influence is that the development of science and technology leads to the development of society, and development gives rise to new problems that require solutions. Therefore, people are required to look at technology (technology literacy), which will play a role in present and future life. . As time goes by, people seem to be complacent with technological products that provide convenience in all areas of life. This makes people's physical activities decrease because they have been replaced by technological products as tools that make human work easier. One form of technological progress that has a huge impact on human life today is technological advances in the field of Information and Communication or Information Communication and Technology (ICT) which progress is very rapidly in countries in the world, both developed and developing countries. The Indonesian nation is one of the nations that is involved in the advancement of information media and technology (Ameliola & Nugraha, 2013).

The development of information and communication technology is essentially aimed at improving people's welfare in building a nation's or world's civilization. The fact shows that information and communication technology has brought important changes in the development of civilization, especially the world economy. (Jokhanan Kristiyono, 2015).

The work of communication and information technology such as social media can make a person a "foreigner" who as a result of globalization has become so freely present in the midst of the family, teaching users anything at any time, changing lifestyles, bringing in new habits, and even saying that the need for technology as a form of sophisticated hypnotic people who are able to change their behavior and the way they communicate with others (Istiyanto, 2016).

Teenagers are people who often use internet media, especially social media as a means to find journals, information, entertainment and communicate with friends on social networking sites (Krisnawati, 2016). Based on data obtained by the Ministry of Communication and Information (2012, p. 1), it can be seen that "there are more and more internet users from among young people (Juwita et al., 2015). Starting from the age of 15-20 years and 10-14 years which continues to increase significantly". Media as a means of support for humans to meet the need for information and entertainment.

If teenagers do not exist in their environment, they will have difficulty making friends and adapting to their environment. Teenagers always want to be recognized for their existence and want to get a sense of pride, and if they don't exist they will have difficulty getting friends and information. (Bimo Mahendra, 2017).

Hanum (2009), *Multicultural Education as a Means of Building National Character (In the Perspective of Sociology of Education)*, contains the importance of instilling character and national identity in students from an early age. This will shape the nation's behavior that is good and in line with the goals. From these journals, there are similarities to the focus of research in the sociology of education.

Zainuddin (2008), *Social Change in the Perspective of Sociology of Education*, contains the process of maturation of the elements contained in society, especially education, which greatly influences the process of social change. From these journals, there are similarities in this research, namely the focus of research in the sociology of education in social life.

Adolescence is a period of transition from childhood to adulthood who have begun to be influenced by the environment and already have the will to be what they want. With advances in communication technology that spurs teenagers to carry out more intensive identity-seeking activities by looking at the figures in the media.

2. RESEARCH METHOD

The type of research used is descriptive quantitative research. Based on Sugiyono (2009: 14) explains that the quantitative method is a research method based on the philosophy of positivism, which is used to examine certain populations or samples. youth in social life. Survey design is a research procedure by which the researcher gives a questionnaire that has a certain scale on a sample to reveal the attitudes, behaviors, characteristics and opinions of the respondents.

The research was conducted by first conducting a survey to adolescents regarding the impact of technology and information on adolescents in social life. The survey using a Likert questionnaire was distributed using a google form which was given to teenagers in the family and around the house. It is possible that on this scale, there are numbers but only as a sequence. Thus, the analysis is only in the form of frequency (amount) or it can be in proportion (percentage). The second is by using the most analysis or mode (Syofian 2015).

3. RESULTS AND DISCUSSIONS

This study focuses more on the impact of communication and information technology on adolescents in social life, there are 34 respondents from students of the Islamic University of Nusantara Bandung and students from other universities in Bandung. The following is the percentage obtained from respondents regarding the impact of information and communication technology on adolescents in social life from each of the indicators proposed in the form. The first is about whether when you wake up the first time you see your cellphone, respondents agree, 68.6% of respondents do not agree, 14.3% of respondents disagree, 5.7% of respondents strongly disagree, 11.4% of respondents agree in this statement.

Based on the survey, there is a statement that is whether the impact of technology and communication has a negative impact. In this case, 71.4% of students do not agree about this, in fact students agree. 14.3% of students disagreed 11.4% after knowing the impact of technology, but 2.9%% of students did not strongly agree if technology and communication had a negative impact. When the presence of technology can help in everyday life, 91.3% of respondents agree with the statement, 2.9% of respondents do not agree, 0% of respondents disagree, 0% of respondents strongly agree, and 0% of respondents strongly disagree. . Which means in this statement, students agree that technology can facilitate or help in everyday life.

Now it has often happened that the name of crime is not only thieves and robbers, but technology can also be troubling for everyone but, students can also feel the crime of technology in today's era where our important data is hacked or hacked. The respondent's response to the question/questionnaire is, "Nowadays there are many crimes in technology, do you think it can bother you", 85.7% of respondents answered agree. Furthermore, the level of less agree is 11.4%. This condition is included in the unfavorable category. It means that students feel uneasy about online crime. And strongly disagree, 2.9%. And at the lowest level disagree 0% with the opinion of the respondent.

Regarding the positive impact of technology and communication among students, the form shows that, 28.6% of respondents answered agree and the lowest level was disagree and strongly disagree 2.9%. These conditions include that there is very little impact of technology among teenagers and students. (source data taken through a questionnaire). Questionnaires or questionnaires can be referred to as written interviews because the contents of the questionnaire are a series of written questions addressed to the respondent and filled out by the respondent himself.

In addition, in terms of impact, there are ten indicators to measure the level of impact of technology and communication on adolescents in social life, from the survey results obtained data as contained in the table below.

Table 1.Indicator Table

INDICATOR	S %	KS %	TS %	STS %
Is it the first time you wake up when you see your cellphone?	68.6	14.3	5.7	11.4
Is the impact of technology and communication a negative impact	14.3	71.4	11.4	2.9
Can technology help in everyday life	97.1	2.9	0	0
Now that there are many crimes in technology, do you think it can bother you	85.7	11.4	0	2.9
Do you think that technology makes communication easier?	94.3	2.9	2.9	0
Does technology make it easier for you to find information?	91.4	5.7	2.9	0
Is the existence of technology, crime is increasingly rampant?	62.9	25.7	11.4	0
Does technology have a positive impact on teenagers	28.6	65.7	2.9	2.9
Can a technology help online sales	91.4	2.9	0	5.7
Can technology/gadgets have a bad impact on teenagers?	68.6	28.6	2.9	0

Information :

S = Agree

KS = Disagree

TS = Disagree

STS = Strongly disagree

4. CONCLUSION

The rapid development of technology today brings many changes in human life. No exception in terms of interaction between humans. Advances in technology have made communication easier. When we can't meet in person, we can still communicate. The existence of facilities for communication such as social media and instant messengers that can be used to chat makes smartphones much in demand by young people, especially teenagers. Especially now that there are many applications for communicating that can be downloaded for free with more complete facilities such as sending photos and voice messages.

In accordance with their age, adolescents are a phase where they begin to want to know the environment other than their family. Teenagers begin to adapt to their new environment when they are in society. With their peer environment they interact more. Advances in technology make the way of communicating between humans more interesting and diverse. Smartphones and the completeness of communication and entertainment facilities make teenagers want to have them. Apart from communicating, smartphones are also used to find information, especially for their educational purposes. But behind all the benefits and conveniences that smartphones can provide, there are negative impacts that arise, especially for teenagers who are very active on social media and instant messengers. Too focused when using a smartphone to communicate or to access information makes teenagers become lazy and forget the time. Face-to-face interactions are reduced because teenagers prefer to communicate with their friends via smartphones.

REFERENCES

- Lestari, Diah, Partini. (2015). The Relationship between Moral Reasoning and Social Behavior in Adolescents. Surakarta: Journal of Education.
- Istiyanto, SB (2016). MOBILE PHONE AND SOCIAL CHANGE. Journal of Communication Indonesian Association of Communication Graduates 1:58–63
- Juwita, EP, Budimansyah, D., & Nurbayani, S. (2015). The role of social media on students' lifestyles. SOCIETY, 5(1).
- Krisnawati, E. (2016). Media consumption behavior by adolescents in seeking information (a case study of adolescent behavior in Salatiga City in the use of media in the perspective of media dependence theory). Communicative, 5(1), 43–69.

- Johann Kristiyono. (2015). The development of information and communication technology in supporting the use of media in society, .5(1), 23-30.
- Bimo Mahendra. (2017). Marketing Communications Guard Prime Security, 16(1), 157-160.
- Ameliola & Nugraha. (2013). Information Communication and Technology (ICT), 5(2), 45-50.
- Syofian, S., Setiyaningsih, T., & Syamsiah, N. (2015). Web-based likert scale research method automation. Semnastek Proceedings. 2-3.
- Hanum (2009), Multicultural Education as a Means of Building National Character (In the Perspective of Sociology of Education),
- Zainuddin (2008), Social Change in the Sociological Perspective of Education,
- Sugiyono, 2010, Quantitative, Qualitative and R&D Research Methods, Bandung: Alfabeta