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HUMAN AND DEVELOPMENT TECHNOLOGY IN THE MODERN ERA

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Abstract

In people's lives, the use of technology cannot be separated, starting from education, employment, industry, and as an information tool from various countries so that people's activities are easier and can inform events that are happening. Technology is needed by the community, one of which is smartphones. Through smartphones, people can access information freely as a supporting tool in life. Rapid technological advances have positive and negative impacts on society so that they can trigger misuse of smartphone technology. Technology can have a very big impact on society so that people's lives are not left behind by information. Technology is used by humans to access all needs and interests in carrying out activities. With the information generated by technology, it has a positive impact on honing thinking skills in knowing various knowledge. Thus, technology is widely used by the community, besides helping people's activities, technology also provides knowledge that is useful for honing human abilities.

Keywords : Technology, Information, Smartphone

Introduction

Seeing the high development of information technology, at this time its influence is very much felt in all sectors of human life. The influence of information technology penetrates into various fields of life such as education, politics, transportation and the economy, and of course many others. In the view of Daryanto Setiawan, (2018: 67) sociologically, technology is an aspect that also influences every activity, action, and human behavior. Information and communication technology is able to change the pattern of relationships and patterns of interaction between people. The presence of this technology is something that cannot be separated from human life. In understanding technology, people are required to always follow developments in the field of information technology. That way humans will not be out of date. This is very important because information technology must always be followed by developments, not only in Indonesia but also in other parts of the world. We can call this change the information revolution.

The information revolution is marked by the development and widespread dissemination of knowledge, so that it can increase public understanding and professionalism to the fullest and without limits. With the information revolution in this information technology era, people must have the ability to understand telecommunications so they can maximize the benefits of using this information technology. The occurrence of the information revolution is something dynamic that cannot be dammed or rejected in the process of social life. The world of telecommunications and information has brought people to a very fast development in various aspects of life. With all its sophistication, information and communication technology brings convenience as well as delivering people to a higher quality life. With the information revolution as explained above, it is increasingly showing the public that there are revolutionary changes based on the latest technologies.

Research Methodology

This research is a type of qualitative research that is a literature study (library research) that uses books and other literature as the main research object. Library research or often also called literature study, according to Zed (2014: 3) is a series of research activities related to methods of collecting library data, then reading and recording

and processing the research material. Furthermore, Sugiyono (2018: 291) says that literature studies are related to theoretical studies through references related to values, culture, and norms that develop in the social situations studied. This library research is inseparable from scientific literature. From these two opinions.

Result & Discussion

People and Technology

Salsabila, et.al., (2021) Etymologically, the word "technology" comes from the Greek language to solve various problems and daily human work. Hidayat, et.al., (2020) understands better what technology means, then refers to the following expert opinion Iskandar Alisyahbana According to Iskandar Alisyahbana, the notion of technology is a way of doing something to meet human needs with the help of tools and reason, so that it seems to extend, strengthening, or making more potent the human limbs, senses, and brain. There are also those who say the definition of technology is all the facilities and infrastructure created by humans to provide various goods needed for the continuity and comfort of human life itself.

Communication technology is developing faster and faster every day. Communication technology is the technology of long-distance transactions. This communication technology allows one person to send or receive information from other parties around the world. This technology can make distances seem as if they don't exist anymore, and hundreds or thousands of kilometers are not a barrier to communication because of the presence of this communication technology. The development of communication technology grows with the internet. With the internet, it is easy to communicate over long distances and make information provision. Most people today it is connected to the Internet, either via a computer or laptop, smartphone or tablet. Technology is the product of human thought which is ultimately used by humans to realize various goals in life,

Humans and technology are two words that cannot be separated in today's modern era. We know that the development of technology is very rapid at this time, as if it makes it easier and spoils humans in carrying out their life activities. The relationship between humans and technology can be found in every activity that is we do. Humans will never be separated from technology, so today's technology is part of basic needs that must be felt and enjoyed by the benefits, in addition to basic needs such as food, clothing and shelter. Technology is basically tools created by humans that are found to make it easier for humans to carry out their life activities.

Technology has now become a part of life and lifestyle for every human being. There are many functions of technology that can be utilized by humans. For example, we know that technology at this time can make it easier for us as humans to communicate, as if the distance between one human being and a human being in another part of the world is very close. Where in ancient times, it was impossible for humans to feel this, or even to communicate with humans in other parts of the world, it made no sense when technology was not found as we can feel it today. As humans who live in a modern era like this, on the other hand technology does not only become objects that have positive benefits. But there are still many things from the negative side that need to be reviewed and watched out for from the development of technology today. Because technological objects not only make it easier for us humans, but now it is as if humans are enslaved by a technology. If there is a new technology, we humans tend to want to know, use, and buy the new technology product. So that our curiosity as humans, which humans need technology, has now turned into humans who really need technology.

From this, it can be concluded in the present era. The current phenomenon of technological and human development, namely technology as a lifestyle, is an allegory for humans themselves as users of technology. Many people follow technological developments. Basically they just want to adjust their life needs from the benefits of technological developments themselves. It can be said that the use of technology depends on the needs of the users themselves, so that the character of the technological objects used by a person is a reflection of the person's own lifestyle. But there are still many people who only use technology not only because they need it, but because of prestige so they are not labeled as outdated humans or even just want to have technological objects that are currently becoming a trend.

Digital Society

Digital Society The modern era is identified with the era of digital society. Every human activity will be driven through a series of digital technologies. This technology is operated by pressing several digits (numbers) arranged in various sequences. The relationship that is built between individuals is a digital exchange relationship, every human being only carries out a series of transactions or interactions through digital symbols. Trade transactions, communications, everything is driven digitally. Every individual will have a digital identity that is able to recognize who he is, every human being has been given a serial number: through an identity number (e-KTP), cellphone number, telephone number, bank account number, ATM number, electricity account number, telephone account, water account , ATM PIN (Personal Identification Number), all use a digital system. Interaction

between humans is driven by all-digital technology: computers, internet, ATM machines, telephones, mobile phones, and so on, everything is driven digitally. We can buy something by simply swiping an ATM card and pressing a few PIN numbers, the same goes for paying hotel room bills, buying tickets, and so on. Sending money can be done in seconds by simply pressing a few digits of the amount to be sent and a few digits of the destination account number.

Reasons Humans Use Technology

Technological progress is something that we cannot avoid in this life, because technological progress will go hand in hand with scientific progress. Every innovation is created to provide positive benefits for human life. Providing a lot of understanding, as well as a new way of carrying out human activities. Especially in the field of technology, people have enjoyed the many benefits brought about by the innovations that have been produced in the last decade. With the development of technology, it can be utilized in several fields, namely: in agriculture, animal husbandry, fisheries, in the medical and health fields, in the telecommunications sector, in the defense and security sector and in the education sector. Therefore humans use technology for survival.

Impact Of The Use Of Technology

The positive and negative impacts of the use of technology are seen from various fields including:

1. Information and communication sector

Positive impact :

- a. It will more quickly get accurate and up-to-date information in any part of the world via the internet.
- b. We can communicate with friends and family who are very far away only by using a cellphone
- c. Can take care of important things very easily and so on.

Negative impact:

- a. Utilization of communication services by terrorist networks
- b. The use of certain information and certain sites found on the internet can be misused by certain parties and so on.

2. Economics and industry

Positive impact

- a. Higher economic growth
- b. The productivity of the industrial world is increasing
- c. Competition in the world of work requires workers to always add skills and knowledge.

Negative impact:

- a. The occurrence of abuse for workers who do not have the quality of ability in accordance with what is needed.
- b. Competition as a result of intense competition in the era of globalization will also give birth to a generation that is morally degenerate

3. Socio-cultural field

Positive impact :

- a. The difference of personality between man and woman
- b. Increased self-confidence
- c. Pressure, sharp competition in various aspects of life as a global consequence

Negative impact:

- a. Moral decline among citizens, especially teenagers and students.
- b. Delinquency and acts of deviance among adolescents are increasing.
- c. The weaker the authority of traditions that exist in society.
- d. The pattern of interaction between people changes

4. Field of education

Positive impact :

- a. The emergence of mass media, especially electronic media as a source of knowledge and knowledge center of education.
- b. The emergence of new learning methods, which facilitate students and teachers in the learning process.
- c. The learning system does not have to be face-to-face but can use the internet.

Negative impact:

- a. Confidentiality of test results is increasingly planned, such as leaked psychological test results that can be viewed via the internet.
- b. Misuse of knowledge for certain people to commit criminal acts.

Conclusion

Technology is a scientific method for achieving the practical goals of applied science, or the overall means of providing goods necessary for the continuity and comfort of human life. Every technology always promises change, convenience, progress, increased productivity, speed, and popularity. Humans and technology have a close relationship that cannot even be separated where humans need technology for their survival. defense and security and in the field of education.

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