AN ANALYSIS OF TECHNOLOGY IMPACT TOWARD THE HUMAN LIFE AS REFLECTED INTHE NOVEL INFERNO "BY DAN BROWN "

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ABSTRAK

Tujuan dari penelitian ini adalah untuk menganalisis bagaimana dampak teknologi terhadap kehidupan manusia sebagaimana tercermin dalam novel "Inferno". Metode penelitian yang digunakan adalah metode deskriptif kualitatif. Data dikumpulkan melalui membaca novel, perpustakaan, menonton film, dan riset internet. Penulis menemukan dampak teknologi pada kehidupan manusia yaitu populasi manusia yang berlebihan telah merusak alam dan bahkan peradaban mereka sendiri. Satu-satunya cara adalah menghancurkan sebagian umat manusia demi keselamatan manusia itu sendiri dan demi keselamatan bumi (alam), semua itu terjadi karena semakin canggihnya teknologi dalam kehidupan manusia. Teknologi telah membantu manusia untuk hidup lebih lama. Semakin banyak manusia dan semakin lama durasi hidup manusia di dunia, maka semakin banyak pula populasi di dunia, hal itu dapat menyebabkan kerusakan dunia karena dapat menyebabkan krisis makanan dan bahaya untuk alam. Selain itu penulis juga menemukan aliran teknologi yang ada dalam novel yaitu transhumanis. Transhumanis adalah aliran teknologi gerakan intelektual, semacam filsafat yang dengan cepat berakar dalam komunitas ilmiah. Gerakan itu pada dasarnya menyatakan bahwa manusia harus menggunakan teknologi untuk mengatatasi kelemahan bawaan dalam tubuh manusia. Dengan kata lain, langkah selanjutnya dalam evolusi manusia adalah mulai merekasaya diri sendiri secara biologis. Secara fundamental mentransformasi kondisi manusia, dengan mengembangkan dan membuka lebar ketersediaan teknologi untuk memajukan dengan secara luar biasa kemampuan manusia baik dari segi intelektual, fisik dan psikologis, atau dengan kata lain menjadikan manusia biasa menjadi "manusia super".

Kata kunci: Teknologi, Transhumanism, Ilmu Pengetahuan.

ABSTRACT

The purpose of this study is to analyze how the impact of technology on human life as reflected in the novel "Inferno". The research method used is a qualitative descriptive method. Data collected through reading novels, libraries, watching movies, and internet research. The writer found the impact of technology on human life, there are the overpopulation of humans has damaged the nature and even their own civilization. The only way is to destroy some of humanity for the sake of human safety itself and for the safety of the earth (nature), all of this happens because of the increasingly sophisticated technology in human life, because technology has helped humans to live longer. The increasing number of people and the longer the duration of human survival in the world, the more population increases in the world, it can cause damage to the world because it can cause shortage food and natural hazards. Then the writer also found the technology stream called transhumanism. Transhumanism is a stream of intellectual movement technology, a kind of philosophy that is rapidly rooted in the scientific community. The movement basically states that humans must use technology to overcome innate weaknesses in the human body. In other words, the next step in human evolution is to start biological self-esteem. It fundamentally transforms the human condition, by developing and opening up the availability of technology to extraordinarily advance human abilities both intellectually, physically and psychologically, or in other words to make ordinary people into "supermen".

Key words: Technology, Transhumanism, Science.

1. INTRODUCTION

Since the time of immemorial technology has been existed or humans have used technology, someone uses technology because people have reason. With humans wits he wants to get out of trouble, and to live better. Technological developments occur because someone uses his mind to solve every problem he faces.

Technology has been known to humans since millions of years ago because of the urge to live more comfortable, more prosperous and more prosperous life. So since the beginning of civilization there have actually been technologies, even though the term technology has not been used. The term "technology" comes from "techne" or the way and "logos" or language knowledge. So, literally, technology can mean the knowledge about ways. According to him, the definition of technology is a way of doing things to meet human needs with the help of reason and tools, so as to prolong, strengthen or make more effective members of the body, senses and the human brain. The human should adapt with the technology. Technology gives the impact to human life.

The impact of power affects the environmental impact. It can give good bad result in human life. But humans cannot fool themselves into the fact that technological science can bring havoc and misery to humans.

One of the bad impact of technology is overpopulation. In this research, the writer is going to analyse the impact of technology on human life in the novel inferno by *Dan Brown*. The problem starts with a plan to rebalance the world's human population. This novel tells the story of finding the location of a virus by a scientific professor named Robert Langdon. With the help of a young and beautiful doctor Sienna Brooks, Robert Langdon began his search by solving several codes to find the location of the virusand the novel also tells a scientist who wants to reduce the human population in this world with a deadly virus. The virus was created by a scientist named Betrand Zobrist using knowledge and technolog. In this research there is a connection where human life can be easy to do everything by technology, everything can be solved in a practical way. This is an impact arising from the presence of technology. The impact would be adapted in this novel are the positive and negative one. Based on the background of the problems of the study are as follows:

1. What is the development of science and technology contained in the novel inferno by Dan Brown ?
2. How are the impacts of the technology as reflected in the novel Inferno by Dan Brown?

Technology has many effects. Many processes, technology processes produce unwanted by-products known as pollution and deplete natural resources to the detriment of Earth's environment". Innovations have always influenced the values of a society and raised new questions of the ethics of technology. The rise of the notion of efficiency in terms of human productivity, the example is include and the challenges of bioethics [1].

Every innovation is created to provide positive benefits for human

life, providing many conveniences, and as a new way of doing human activities. Especially in the field of technology, people have enjoyed many benefits brought by innovations that have been produced in the past decade. The rapid development of the world of technological science has brought tremendous benefits to the advancement of human civilization.

2. METHOD OF RESEARCH

The method of this research is qualitative. Qualitative research is the research in the form of description. Qualitative research is not done by prioritizing the numbers, but it prioritizes in appreciation of the interaction of concepts that are being studied empirically" [2].

Qualitative research is a series of activities or a process of filtering data or information that is reasonable about a problem in certain conditions, aspects or fields in the life of the object. This study is used to obtain a description of the aspects of the impact of technology in people's lives as reflected in the *Inferno* novel.

3. FINDINGS AND DATA ANALYSIS

The findings of the problems mentioned in this research is that there are some techological development found, they are technologies (ESTs) such as biotechnology, genomics, nanotechnology, materials science, artificial intelligence, computational logic, speed, and cognitive neuroscience, especially if they are combined, they would have tremendous potential and an impact on the future of humanity. Then, the impact of the development of the

technology refers to human life. Scientific and technological innovations have brought humanity to an era of strategic technological revolution that has dramatically changed the lives of humans and the living environment which sustains them. Several types of technology have influenced and changed the way of humans to communicate, how to use the energy, environmental preservative efforts, and human management in the field of health and to improve the quality of life. The development of science and technology as mentioned above would the made Transhumanism be necessity and inevitable. The example of the quotation is as follow.

"consider this, it took the earth's population thousand of years-from the early dawn of man all the way to the early 1800s-to reach one billion people. Then astoundingly, it took only about a hundred years to double the population to two billion in the 1920s. After that, it took a mere fifty years for the population to double again to four billion in the 1970s. As you can imagine, we're well on track to reach eight billion very soon. Just today, the human race added another quarter-billion people to planet Earth, a quarter million."(Dan Borwn, 2013:131)

The quotation above explain that scientific and technological innovations had brought humanity to an era of strategic technological revolution that had dramatically changed the lives of humans and the living environment that had sustained them. Of course a lot of the debate about human existence itself in the end, made a lot of related things be complicated.

4. CONCLUSIONS AND SUGGESTIONS

After analyzing the novel "Inferno" by Dan Brown, the writer found that there are some the development of technology found in this novel such as biotechnology, genomics, nanotechnology, materials science, artificial intelligence, computational logic, speed, and cognitive neuroscience and Scientific and technological innovations have brought humanity to an era of strategic technological revolution that has dramatically changed the lives of humans and the living environment which sustains them.

Besides, there are also some suggestions said for the reader. First, the writer hopes that this research could be improve the reader`s knowledge about changes in technological impact. Second, this research also could be one the reader`s reference when study about changes in technological impact.

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