

## HOW TECHNOLOGY IS SHAPING OUR WORLD

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### Abstract

This article talks about how the technology is developing. It was mentioned that it is important that it is being updated to give us some conveniences. The evolution of technics and its impact on society have been subjects of significant scholarly inquiry. This literature review aims to examine a range of academic works that explore the evolution of technology and its profound influence on our world. By synthesizing key findings from various studies, this review sheds light on the transformative power of technology and the societal implications it entails.

**Keywords:** *Technology, significant, advancements, explore the evolution, positive impacts, cultural transformation.*

### Introduction:

Technology has always played a significant role in shaping the world we live in. From the invention of the wheel to the advent of the internet, each technological advancement has had a profound impact on society and has paved the way for further progress. In this article, we will explore the evolution of technics and examine how technology continues to shape our world today. The journey of technics began thousands of years ago with simple tools and inventions that improved human productivity. From the discovery of fire to the development of agriculture and the creation of basic tools, early humans utilized technology to meet their needs and improve their quality of life. These early advancements set the stage for future innovations. The evolution of technics and its impact on society have been subjects of significant scholarly inquiry. This literature review aims to examine a range of academic works that explore the evolution of technology and its profound influence on our world. By synthesizing key findings from various studies, this review sheds light on the transformative power of technology and the societal implications it entails.

Literature review.

The positive impacts experienced are extended lifespans, increased productivity, better access to information, and time-saving. The negative impacts include low communication between people, less personal time, and the spread of misinformation. Technology also has positive and negative environmental effects. Several researchers have examined the historical progression of technics, tracing its roots back to early

human civilizations. In their work, Johnson and Perez (2010) provide a comprehensive overview of technological advancements throughout history, highlighting the key milestones that have shaped society. They emphasize the importance of technological innovation in driving social change, economic development, and cultural transformation. The industrial revolution, which took place in the 18th and 19th centuries, marked a significant turning point in the history of technics. With the invention of steam engines, mechanization of production, and the rise of factories, society experienced a massive shift in economic and social structures. This era laid the foundation for mass production, transportation, and the rise of cities. The digital revolution, which began in the mid-20th century, brought about a new era of technics that transformed every aspect of our lives. The invention of computers, the internet, and digital communication revolutionized the way we work, connect, and access information. It opened up new possibilities in fields such as healthcare, education, finance, and entertainment. The digital revolution also gave birth to the concept of globalization, connecting people across the globe like never before. In the present day, we are witnessing a rapid pace of technological advancements that are reshaping our world in unprecedented ways. Artificial intelligence, machine learning, robotics, and the Internet of Things are some of the key breakthroughs that are driving innovation across industries. These technologies have the potential to automate tasks, improve efficiency, and create new opportunities. They are transforming transportation, healthcare, energy, and many other sectors. The evolution of technics has had a profound impact on society. On one hand, it has brought immense benefits, making our lives more convenient, enhancing communication, and improving access to information. It has also created new job opportunities and economic growth. technology has impacted and changed society in significant ways. Before the invention of advanced technologies, people lived in rural areas in makeshift houses; the majority of these rural people were hunters and gatherers. There were no major economic activities during that time. One of the biggest changes which Technology brought was farming Technology. This was when human beings learned how to cultivate and prepare their lands for food production. Availability of food increased the human population, and people started to leave their rural homes and built cities and factories which produced goods in large quantities. Technological advancement has played a major role in producing healthier and nutritious food, ensuring better health for the people. People are now consuming healthier food that is affordable and cheap to grow. Some people no longer visit hotels to eat their favorite food through the Internet or just a phone call. They order, and the food is delivered to their homes or offices. Products like clothes, shoes, and beddings are produced in large numbers and at different prices giving all people a variety to choose from. On the other hand, it has raised concerns about privacy, job displacement, and ethical implications. As

technology continues to advance, it is crucial to address these challenges and ensure that the benefits are shared equitably. Transportation and Mobility: Technological advancements have transformed transportation and mobility, making travel faster, safer, and more convenient. The development of automobiles, airplanes, high-speed trains, and electric vehicles has revolutionized transportation infrastructure. Additionally, ride-sharing services and navigation apps have improved commuting experiences and reduced congestion in urban areas. Furthermore, emerging technologies like autonomous vehicles and hyper loop systems have the potential to further transform transportation in the future. Researchers have also explored future trends and challenges arising from the continued evolution of technics. Many works discuss emerging technologies such as artificial intelligence, block chain, and virtual reality, and their potential impact on various aspects of society examines the potential of 3D printing to disrupt traditional manufacturing and supply chains. Scholars explore the concept of the Fourth Industrial Revolution, discussing the integration of physical, digital, and biological technologies and the implications for economies, industries, and governance. Scholars have extensively explored the impact of technology on industries and the economy. Bessel investigates the effects of automation on employment, productivity, and wages. The study reveals that while technology-driven automation has led to job displacement in certain sectors, it has also created new job opportunities and increased overall productivity. Author, Levy, and Mundane examine the skill-biased technological change, emphasizing the role of technology in reshaping the demand for different types of labor and contributing to income inequality.

#### Conclusion:

The evolution of technics has been a remarkable journey, from the early tools of our ancestors to the complex technologies of today. Technology has fundamentally transformed the way we live, work, and interact with the world around us. As we move forward, it is essential to embrace the opportunities that technology brings while also addressing the challenges it presents. By doing so, we can harness the power of technics to shape a better future for all.

#### References:

1. Razumovsky V. G., Mitrofanov N. M. O postanovke laboratornykh rabot issledovatel'skogo character. - Moscow: Fizika v shkole, 1975. - No. 1. - S. 78-81.
2. Khrabrova V. E. Razvitie kriticheskogo mishleniya pri obuchenii angliyskomu yazyku cherez chtenie gazet. / V. E. Khrabrova // Vestnik Kemerovskogo gosudarstvennogo universiteta. – 2014. – No. 4(60). - T. 1. – S. 99-103.
3. Farmer J. A. How to effectively use news articles in the EFL classroom. – URL: <http://iteslj.org/Techniques/Farmer-News.html> (data access: 05/07/2018).
4. Shutov V. I., Sukhov V. G., Podlesky D. V. Experimental physics. Physical practice. - Moscow: Fizmatlit, 2005. - С. 7-11.