



THE ROLE OF DIGITAL TECHNOLOGIES IN HUMAN LIFE

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Article history:	Abstract:
Received: 10 th May 2023 Accepted: 8 th June 2023 Published: 11 th July 2023	Digital technology makes it easy to stay in touch with friends, family, and work remotely, even if you are in another part of the world. You can communicate by words, video, audio, and exchange other media. Websites, apps, and software have all been created to help users to socialize.
Keywords: ENIAC, 1946 year, gadgets, electronic devices, technologies, programs, analog technologies, Web page, remote employment, information, more compact, faster, lighter, versatile.	

Digital technology and its increasing prevalence have impacted human life radically in the last few decades. From the advent of the digital society, spawned by the invention of the computer and ENIAC, one of the first digital computers in 1946, to the present day, digital technology and computing have worked their way into more areas of life, from communications to finance to social interaction. You can see the impact daily in homes, schools and offices. Digital technology, as it is known, includes everything related to electronic computing and data transformation: gadgets, electronic devices, technologies, programs. Compared to analog technologies, digital technologies are more suitable for storing and transmitting large amounts of data and provide high-speed computing. In this case, the information is transmitted as clearly as possible, without distortion. The main disadvantages include high energy consumption and negative impact on the climate. As for the types of digital technologies and their importance in human life, the first and most important of them is the Internet of Things.

The Internet has brought an almost infinite amount of information right into your home and workplace. Increasingly, this information is also available to you while you are on the road as well. As a result, you have access to massive amounts of human knowledge in the time it takes to download a web page. Many jobs that were once only possible with access to research libraries or other institutions can be done now from your home, or anywhere. A company's work force has become dispersed as satellite offices can operate as if they were all centrally located. The digital technology has also created new opportunities for remote employment. These workplace changes are restructuring the face of the workforce and the possibilities for how individual lives are structured as well. There have been correspondingly great changes in retail, banking and other industries.

The ability to compress millions of transistors onto a chip the size of a fingernail has allowed the advent of portable cellular communications. Cell phones, not so long ago a luxury, are now ubiquitous, and some people use them to the exclusion of traditional land-line telephones. This makes cell phone users universally available and brings enormous communications capacity right to your pocket or purse. With it comes real or implied expectations of universal availability. It is now sometimes impossible really to get away from work, as cell phones and BlackBerrys with email capacity are functional almost anywhere on the globe. As a result, these digital communications tools make workers more productive, but they also make the employee more connected to the place of work. Work hours have increased as technological breakthroughs that were meant to save time keep many working harder and longer.

Technology affects almost every aspect of 21st century life, from transport efficiency and safety to access to food and healthcare, socialization and productivity. The power of the internet has enabled global communities to form, and ideas and resources to be shared more easily. The world has changed drastically in the last few decades mainly because of the technological advances that has evolved through the years. Technology has allowed people to make progressions in countless areas that have made our daily lives improve in many ways, especially accessibility in the areas of medicine and transportation. These areas of technology have helped improve human life and continue to grow to make society more efficient. Digital technology means that devices can be more compact, faster, lighter, and more versatile. Huge amounts of knowledge can be stored locally or remotely and moved around virtually immediately. Even the term "information" has expanded to include media such as photos, audio, and video, and no longer refers to just words and numbers.

DIGITAL TECHNOLOGY BENEFITS

1. Social Connectivity
2. Communication Speeds
3. Versatile Working

4. Learning Opportunities
5. Automation
6. Information Storage
7. Editing
8. Accurate Duplication
9. GPS and Mapping
10. Transportation
11. Low Cost
12. Entertainment
13. News
14. Warfare
15. Banking and Finance
16. Smaller-Sized Devices

In short, digital technologies have changed almost all aspects of modern life. Travel, work, shopping, entertainment and communication are just some of the areas that have been revolutionized in recent decades. It is now rare to find an electronic device or mechanism that does not contain digital technology.

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