

HOW DOES MODERN TECHNOLOGY AFFECT OUR DAILY LIVES?

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Анотація

Дана стаття висвітлює сучасні технології, їхню користь для життя людей та розповідає про перші зародки таких технологій.

Ключові слова: сучасні технології, життя, щоденне використання, комфорт, можливості, важливий, побутові прилади.

Abstract

This article highlights modern technologies, their benefits for people's lives and tells about the first seeds of such technologies.

Keywords: modern technology, lives, daily use, comfort, capabilities, important, household appliances.

Modern technologies are radically changing people's lives for the better. They are integrated into various areas of our daily existence, including the most necessary things without which we cannot feel comfortable. Every day we use many different technologies, such as a stove, refrigerator, washing machine, vacuum cleaner, computer, mobile phone and much more. This further and further distances us from the old gloomy existence. Humanity is moving forward, times are changing, new discoveries appear in the technical world.

To begin with household appliances, since they are the most necessary and are an obligatory part of every home. In 1910, Hotpoint introduced the first electric stove, marking a shift in home cooking [1]. This invention greatly facilitated the work of housewives, because with its help you can cook food quickly and comfortably. Also, with the progress of technology, smart stoves with Wi-Fi connection and control via a mobile application appeared. They are becoming popular because they can be controlled remotely. Now cooking has become much easier, because before the stove appeared, people cooked food on a fire, which was accompanied by many inconveniences. This allowed housewives to devote more time to themselves and their families.

The another one, no less important invention, is the refrigerator, because with its help food can be stored longer and not spoil its taste. Fred W. Wolf, an American, built the first home electric refrigerator in 1913, which comprised a refrigeration unit on top of an icebox [2]. Of course, this household appliance continues to improve and become more comfortable. The refrigerator allows you not to think about cooking every day, which significantly improves our lives. Thanks to this invention, we have more time for our personal needs.

Also the important household appliance is the washing machine, because before people had to wash in rivers themselves, and now technology does it. In 1858 Hamilton Smith patented the rotary washing machine. As electricity was not commonly available until 1930 some early washing machines were operated by a low-speed gasoline engine [3]. In return, such an invention saves us time, allowing us to do more important things.

The last household appliance, which, in my opinion, is difficult to do without, is the vacuum cleaner. After all, thanks to it, you can quickly clean up, which is why every family uses it. The first vacuum cleaner was invented by engineer Hubert Cecil Booth, who patented it in 1901 [4]. This device allows you to effectively clean a room from dirt. Because cleanliness is the key to good health. In addition, it is much more pleasant to have a clean and tidy house.

Besides this, we cannot live without computers, because for many people, they have already become an important part of work. Started in 1943, the ENIAC computing system was built by John Mauchly and J. Presper Eckert at the Moore School of Electrical Engineering of the University of Pennsylvania [5]. Modern computers have a positive impact on human life, because with their help we can find old and meet new friends; download music, games, movies. We also benefit from online learning, searching for the necessary information

without using books and libraries. Moreover, we can pay bills, make purchases online. In addition, we can find out about the weather in any corner of the civilized world. In other words, with the help of a computer we study the world, collecting data and information, and the world wide web Internet is useful for this.

Furthermore, the device that deserves the most attention is the mobile phone, because we use it everywhere, calling each other, sending messages to friends and acquaintances, listening to music, paying for travel in vehicles and much more. The first call made from a mobile phone happened on 3 April 1973 in New York City. It was made by the engineer Marty Cooper, who worked at the telecommunications firm Motorola [6]. Modern phones have much more capabilities, which, in turn, can replace many other devices, such as a clock, calculator, flashlight, map, etc., since they have built-in capabilities for such use. Moreover, no profession can do without a mobile phone.

Not only the technologies described above are necessary for daily use. This list can be increased and increased, because with each new generation we become more and more dependent on modern technology. It would seem that there is such a thing, but even instead of making coffee ourselves, we use a coffee machine. Therefore, during power outages, it is difficult for us to do without these things.

To sum up the coverage of this topic, technology is extremely important for everyday life. After all, we use them at almost every step, which makes our chores easier and at the same time makes us dependent on technology.

REFERENCES

1. The Evolution of Stoves, Cooktops, and Ovens. URL: <https://www.thisoldhouse.com/kitchens/21014978/25-years-of-innovation-stoves-cooktops-and-ovens> (date of application 09.12.2024)
2. History Of Refrigerator Invention & Who Invented Refrigerator. URL: <https://www.tcl.com/global/en/blog/playbooks/history-of-refrigerator-invention> (date of application 09.12.2024)
3. History of washing machine. URL: <https://www.slideshare.net/slideshow/history-of-washing-machine/72330091> (date of application 09.12.2024)
4. The invention of the vacuum cleaner, from horse-drawn to high tech. URL: <https://www.sciencemuseum.org.uk/objects-and-stories/everyday-wonders/invention-vacuum-cleaner> (date of application 09.12.2024)
5. Timeline of Computer History. URL: <https://www.computerhistory.org/timeline/computers/> (date of application 09.12.2024)
6. A history of mobile phones and smartphones. URL: <https://www.bbc.co.uk/bitesize/articles/z62gifr> (date of application 09.12.2024)

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