

EDUCATION AND TECHNOLOGY AS DRIVING FORCES OF PROGRESS

It is commonly acknowledged that the mankind is experiencing the spread of IT onto all spheres of life. The bright example of it is the fact that the abbreviation of artificial intelligence (AI) has been named the Collins Dictionary Word of the Year 2023. The dictionary said AI, which means the “modelling of human mental functions by computer programs”, has become the dominant conversation of 2023. [1] The digital revolution in education took place even earlier, before the pandemic of Covid 2019. Higher schools in Ukraine have got used to employing IT in their practice on the regular basis. The aim of this work is to view the impact of IT on education. It should be noted that with the rapid development of information technologies, education has been more accessible and interactive. Online courses, open access to educational materials, and Massive Open Online Courses (MOOCs) expand greatly learning opportunities. Learning and management programs are “becoming more and more popular with universities, academies, schools and colleges. They enable learners to participate actively in classroom discussions and submit the homework”[2]. At the same time, the interaction between education and the digital society is a mutual process: the advancement of technologies, including artificial intelligence, requires new skills and knowledge in computer science and programming. Education should meet the needs of the digital economy. In other words, it should be open to innovations. The implementation of innovative teaching methods, such as gamification and blended learning, helps enhance the learning and development process. Innovative education, in its turn, opens new perspectives for business and entrepreneurship. Understanding technology and its application in the business sector is becoming a key success factor in the modern world. The use of technology allows providing access to education for people with disabilities and ensuring equal learning opportunities for everyone. However, the development of society requires a balanced approach to the use of technology in education, taking into account ethical, social, and psychological aspects. The matter is that along with providing countless opportunities for societal development, education and technology are linked to numerous challenges, such as violating online privacy, misinformation, and cybersecurity issues. To sum up, advanced technology helps improve the quality of education and, consequently, the growth of knowledge and skills among the population. Bringing positive changes to society, it needs a balanced approach to avoid some negative consequences.

References: 1. Barrand R. AI: what does Collins Dictionary’s word of the year 2023 mean - plus other terms nepo baby and deinfluencing. URL: AI: what does Collins Dictionary’s word of the year 2023 mean - plus other terms nepo baby and deinfluencing <https://www.msn.com/en-gb/money/technology/ai-what-does-collins-dictionary-s-word-of-the-year-2023-mean-plus-other-terms-nepo-baby-and-deinfluencing/ar-AA1jdWHO> 2. Shaparenko O.V. Current Trends in English-Teaching Methods. International 99 scientific conference «Innovative aspects of the development of philological sciences»: conference proceedings (April 5–6, 2023. Częstochowa, the Republic of Poland). Riga, Latvia: «Baltija Publishing», 2023. 216 p. - P. 210-212. URL: <http://baltijapublishing.lv/omp/index.php/bp/catalog/book/323>