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THE SYSTEM OF HIGHER EDUCATION IN THE EPOCH OF ARTIFICIAL INTELLIGENCE

The values, institutional forms and content of modern education depend on a number of factors, namely: the globalization of the modern world and its integration, the rapid development of technology, the total informatization of public space; changes in educational standards, etc.

The Law of Ukraine "On Higher Education" emphasizes the need to prepare a future specialist by developing his personal abilities and forming professional competencies. Today, this cannot be done without AI.

A modern computer provides students and teachers with information input in the form of texts, graphs and multimedia. Although these forms of input are diverse, no one confuses this style of interaction with how two people interact with each other; this is inherent in human-computer interaction. Thanks to AI, interaction with computers becomes more like interaction with people.

In the digital world, remembering facts, formulas and learning dates fade into the background. The ability to properly and skillfully operate with information, quickly find it, process and analyze it becomes relevant. AI tools based on machine learning are now used to solve a variety of problems, for example, current personalization tools can automatically adjust the sequence, pace, tips or trajectory of learning.

An example of the active use of AI in the educational system is: 1) electronic assistants for learning 2) platforms such as "Duolingo" for learning foreign languages, using AI to create interactive lessons and personalized tasks; 3) automatic

evaluation of tasks - can automatically evaluate tasks such as tests, essays and programming tasks, providing a quick and objective assessment; 4) systems for tracking student progress - analyze student learning data, help determine their strengths and weaknesses and provide recommendations for improving the learning process; 5) virtual laboratories and simulations - universities use AI to create virtual environments for experiments and simulations, which allows applicants to study in safer and more accessible conditions; 6) support for special needs - can support applicants with special needs by providing adaptive materials and tools for learning; 7) online courses and education scaling - platforms such as Coursera, edX and Udacity use artificial intelligence to provide online courses and increase access to higher education for students worldwide.

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However, not all students are motivated and disciplined enough to study qualitatively online and with the help of artificial intelligence. The problem in our country and all over the world is the cost of tools and applications that do their job really well, and because of this, without additional funding, not everyone will have access to these tools [1]. The problem, in addition, is that students will now completely translate some of their tasks into artificial intelligence. It is now not only about machine translation, but also about performing tasks such as essays or presentations. Regarding the verification of such tasks on whether they are generated by AI or written independently, certain verification tools are already being developed, for example, regarding essays, they determine with high accuracy

whether the text is written by a person [2]. Thus, AI is a great tool for motivated students with good self-discipline.

Therefore, in order for a person to be able to cope with his/her own life tasks and challenges, as well as to become a productive member of civil society, his /her education must include and reflect the achievements of modern science and technology. Higher education in European countries (as in Ukraine) is, on the one hand, on the verge of transformations that integrate new technologies into the educational process, and on the other, it tries to produce new models for introducing IT into the activities of universities, applying the principle of combining traditions with innovations, using classical and digitalized approaches to increase students' interest in the learning process and increase the overall level of education. Today we can confidently say that digitalization is a promising mechanism for updating and developing a modern institution of higher education. With regard to further study of this issue, it should be emphasized that in the near future education in universities should be based on diversified approaches, be able to develop flexibly and include new models.

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