

DIGITAL TECHNOLOGIES OF OPEN EDUCATION SYSTEM

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Abstract: The article is devoted to the problem of open education as a system of organizational, pedagogical and digital technologies. Pay attention to the elements of distance learning: distance courses, educational platforms, forums etc.

Key words: distance learning, open education, digital technologies, models of distance education systems.

The use of digital technologies in education helps to ensure the right of everyone to lifelong learning. Open learning technology is a powerful tool for education digitizing. Such a system allows students to build the educational trace that most fully corresponds to their educational and professional abilities.

An important role in the development of the theory and practice of open education in Ukraine was played by the scientific works of V.Yu. Bykov, O.E. Vysotska, L.L. Lyakhotska, N.V. Morse et al.

One of the methods of expanding and globalizing open educational space is the development of distance learning technologies. V.Yu. Bykov in his monograph "Models of organizational systems of open education" [1, 96] notes that distance education is based on the principles of open education, and models of distance education systems reflect the essential aspects of implementing the principles of open education in a particular learning environment.

Open education is a system of organizational, pedagogical and information technologies, which provides open standards for interfaces, formats and protocols for information exchange to ensure mobility, interoperability, efficiency and more.

Distance education is implemented through information and telecommunications networks with the indirect students and teachers interaction. The interaction of the educational process participants with the help of the global Internet is challenging. The following main elements are used during distance learning: distance courses (Coursera, MIT OpenCourseWare); educational platforms, web pages and websites; platforms for distance learning (Google Classroom, Moodle, ATutor, etc.); educational forums and blogs; TV and video conferencing, etc.

The use of distance learning technologies allows to reduce the cost of educational services, to expand the audience members, to optimize the educational process through the use of digital technologies as well as to create a single educational environment.

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