

THE ROLE AND EFFECTIVENESS OF THE USE OF DIGITAL TECHNOLOGIES IN DISTANCE EDUCATION

Xodjayeva Mavlyuda*

*Associate Professor,
Department of Modern ICT,
International Islamic Academy of Uzbekistan,
UZBEKISTAN
Email id: m.xodjaeva @iiau.uz

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ABSTRACT

The effective use of digital technologies in the organization of distance education plays an important role in the rapid assimilation of new information introduced into science. It will also be possible to quickly enter additional information within the virtual subject being studied. Therefore, the study of methods for introducing digital technologies and their effective use in distance learning processes, the creation of distance learning courses belongs to the group of topical scientific and technical problems. At present, the importance of using digital technologies in improving the quality of education is very high. The purpose of the research work is the effective use of digital technologies in distance education and the theoretical basis for testing its effectiveness. The article mentions the possibilities of the Moodle system, the advantages of course elements, effective methods of teaching science. The use of modern digital technologies and means of communication in distance education will also be discussed. The article outlines the stages of development of digital technologies, defines the meaning and content of the concepts "Digital technologies", "Digital educational technologies". Description of information about the Kahoot and Quizizz software platforms for an interesting organization of the educational process. The advantages of this platform in developing the intellectual and creative abilities of students and increasing their enthusiasm for learning are emphasized. Regardless of whether the educational process is traditional or distance learning, it is necessary to increase students' interest in the lesson, encourage them to work on themselves, and form independent learning skills. Organization of the educational process on gaming platforms, creation of a set of electronic tests and its use in teaching, increasing the effectiveness of the lesson and increasing the independence of thinking of students, interest in the lesson, and a high level of mastery of the subject being taught. It is advisable to use digital technologies in the educational process to develop students' interest, to develop the skills and abilities to use additional literature outside the textbook, to direct students to scientific research, as well as to constantly transfer knowledge to students.

KEYWORDS: *Digitization, Digital Technology, Online Platforms, MOOC, Distance Learning, Moodle LMS, Learningapps.Org, Google Form, Kahoot, Quizizz, Google Classroom, Interactive.*

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