

DEVELOPMENT MECHANISMS OF DISTANCE EDUCATION IN THE DIGITAL WORLD

Marasulova Zulayho Abdullayevna

Associate Professor of Kokand State Pedagogical Institute, PhD,

zmarasulova78@mail.ru

ABSTRACT

In this article, the attitude of the teacher and the student in the development of distance learning and methods of determining mastery are presented. In addition, the current situation and problems of distance education are considered.

Keywords: digital technologies, information and communication technologies, modern education, digital knowledge, Internet system, distance education.

INTRODUCTION

Uzbekistan, like other countries of the Commonwealth of Independent States, is making a lot of efforts to bring its education sector up to world standards. The area, size of our country and the presence of geographically distant regions from the center are the main reason for the development of digital e-education, which gives it great importance. In the current period of financial scarcity, this type of education should be widely used. It is natural that some problems arise related to the introduction of this type of education. These are mainly the lack of funds, technical support and qualified engineers and pedagogues in this field, but we need to solve these problems as much as possible, because it is clear that the organization of distance education in the conditions of Uzbekistan will have a great effect.

Digital technology is the technology that enables the reception, storage, processing and distribution of information in electronic form using computers and computer networks (often via the Internet).

Distance learning (ingl. distance learning) is an education that includes the use of the Internet and modern technologies for distance learning of educational materials by students, testing their knowledge and communicating with teachers. shape

Distance learning technologies are designed to simplify the educational process and improve its quality. With their help, teachers convey the necessary information to students, test their knowledge, collect feedback, answer questions, share photos and audio materials. The choice of tools often depends on the goals, capabilities, interests and preferences of all participants of the learning process. Traditionally, the following groups of distance education technologies can be distinguished.

LMS (learning management systems). These are server and cloud platforms that allow you to create and manage training courses. LMS helps not only to teach students, but also to interact with them, monitor the learning process, and issue certificates. Cloud systems are particularly popular because they require no installation and are easy to use. An example of such an LMS for creating online courses is the MOODLE platform.

Distance learning may include communications, email services, messengers, social networks, sites, and services such as Google Classroom or Zoom.

Game elements are often used to make the learning process more interesting and memorable. This can be chatbot quizzes, quizzes, custom-designed apps, and more. Gamification tools increase student engagement and help diversify learning and testing knowledge.

There are several mechanisms for the development of distance education in the digital world. These mechanisms may include:

1. Distance learning platforms: Digital platforms are of great importance in improving distance learning opportunities for students. Examples of these platforms include Moodle, EdX, Coursera. Through these platforms, students can study occupations related to classes, take tests and exams.

2. Video lessons: Lessons taken through digital platforms are presented in the format of videos. These videos allow students to learn the lesson directly at their own time.

3. Interactive lessons: Interactive lessons delivered through digital platforms and websites make learning personalized for students. Interactive files, animations and tests can be created using very powerful programming languages HTML5 and JavaScript.

4. Websites and Applications: A second important part of distance education is the provision of collections and resources in electronic format. Websites and apps provide access to learning materials, test and problem-solving resources, and the ability to analyze student learning.

5. Mobile Applications: Mobile applications are important in improving the consumption patterns for students. The dating interfaces in such applications open up the possibilities of students and can consume the oil internet.

6. Video conferencing and online chats: Video conferencing and online chat services can be used to ensure communication between students and teachers. These mechanisms eliminate the need for students to leave requests to teachers, and teachers can help students learn more deeply with free tips and more.

These mechanisms allow students to take advantage of the benefits of distance education and provide opportunities for the expansion of distance education anywhere in the world. Distance learning becomes more accessible and effective for students through these many mechanisms.

In conclusion, it can be said that distance education is necessary not only for educational institutions, but also for large-scale enterprises and institutions in the process of globalization today, in training and retraining their specialists, improving their knowledge and skills at a high level. holds an important place.

In the distance education method, even if the student and the teacher are separated by distance, constant communication is maintained. This is done with the help of e-mail and Internet technologies, which will be a special way to monitor teaching.

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