

IMPLEMENTATION OF DISTANCE EDUCATION IN HIGHER EDUCATION AND ONLINE LEARNING SYSTEMS THAT INFLUENCE ON INCREASE OF EFFICIENCY**Mo'ydinjonova Xolisxon***Student of Ferghana State University*

Abstract: *Every age in the 21st century is a time of advanced technology and technology promotes modernity not only in his personal life, but also in his education. This introduction of distance education, which is considered one of them in the article, is Uzbek higher education how much it can affect the quality, it was created by comparing it with traditional education advantages and disadvantages, foreign experience, as well as creating for students and teacher's possible possibilities are discussed.*

Keywords: *online education, web content, information and communication technologies, educational platform, interactivity, online manual, Coursera, LMS.*

The most important foundation of cultural and spiritual development is the education system. Digital qualified personnel with the help of opportunities of economy, science, technology and technology organization of a perfect training system is important for the development of the Republic of Uzbekistan is one of the conditions. The reason is the development of any industry in every country it is formed on the basis of the qualifications, experience and knowledge of its personnel. After independence, "Education and "On the National Personnel Training Program" laws. It greatly helped to increase the scientific potential of Uzbek youth. To this education in Uzbekistan is divided into the following types:

- a) preschool education;
- b) secondary special or general secondary education;
- c) extracurricular education (non-governmental non-profit organizations, sports, art schools, creative houses, etc.);
- d) professional education;
- e) higher education;
- f) post-higher education;
- g) retraining of personnel and improvement of their qualifications (national programs).

In recent years, the attention to each type of education is significant is increasing. This is modern design schools, higher education institutions, private the number of universities, branches of prestigious foreign universities is increasing day by day it can be found out. Any type of education should be important despite this, it is higher education that helps young people acquire professional knowledge more deeply has an important place. Therefore, the President of the Republic of Uzbekistan, Sh. Mirziyoyev "New Uzbekistan for 2022-2026 "approved by in order to ensure the implementation of the development strategy, the Cabinet of Ministers—Higher education the decision on measures to introduce the form of distance education in organizations accepted.

The main goal of this decision is the convenience of students as much as possible is to create opportunities. That is, from information and communication technologies using educational programs regardless of where students live to ensure their good mastery, it was born from their own interest, talent and need directing to increase professional potential is the original content of the decision.

Distance education is all structural and organizational features of the educational process using internet technologies or other technical means organization of remote training between teachers and students. The structural-organizational part is the learning necessary for the purpose, content, and organization of the lesson weapons and used manuals are understood.

The University of London created its own distance learning program in 1858 was the first university in the world to offer degrees. This event was the beginning of the education system, and today this system is the most modern education has become an important and popular form.

According to QS World Ranking, which is considered the most reliable rating in the world in 2022, the following prestigious universities will be in the TOP 10 distance education entered:

1. University College London.
2. Columbia University.
3. University of Edinburgh.
4. Johns Hopkins University.
5. The University of Manchester.
6. Northwestern University.
7. King's College London.
8. University of California, Los Angeles.
9. University of Sydney.
10. Monash University.

In addition, distance education is introduced in Uzbekistan as well, it will be effective if educational methods of universities are used.

Despite the fact that there are many educational devices used in education, among them. The LMS system also has its important place. LMS (Learning Management System) is special software that helps to manage distance education can be called an application (platform). Its first introduction was in the late 1990s. However, during the COVID-19 pandemic, there is a lot of focus on distance learning its use has grown significantly due to its focus. The reason is modern calculation LMS uses smart and convenient algorithms to extract learning data.

Also, LMS has all kinds of content, including videos, courses, seminars and various can deliver such documents. It has the following 3 main features:

1. Interoperability: LMS allows data exchange from one system to another will give.
2. Accessibility: students with physical disabilities are also independent can use the system.

3. Flexibility: LMS users' software continuously will be updated.

LMS has been active since 1990, and has adapted to today's changing society continues to adapt. But to achieve maximum results, first, teachers are shifting their curriculum from face-to-face lectures to online lectures, they should be ready to adapt. Second, the lessons are taught by a special assistant they must pass using the materials, otherwise, the interactivity will decrease and the students there is a high probability of a decrease in activity.

In fact, the LMS platform also has its own characteristics, which is called SWOT. The following conclusions can be reached by reviewing using the analytical method:

S-Strengths

- User - easy management for administrators, students, teachers access is available;

- use of the platform is free;

- the system is stable despite the increase in the number of courses and users, can work without problems;

- students' ability to master each subject is automatically constant, it warns about which subject should be paid more attention;

- for teachers to easily give online assignments, organize exams, tests all conditions are created;

- responsible assignment and evaluation of tasks by students and teachers takes control

- W-Weaknesses (defects)

- Due to problems during LMS update, the system is down for some time may stop working between;

- if a student has a problem, directly to the administrator through the system or there is no possibility to contact the teacher;

- although it is possible to use several types of file formats, sometimes there are problems loading the task due to some file incompatibility may come;

- not receiving a warning message for tasks whose submission deadline is approaching

causes inconvenience to students;

- although all communication tools are adapted for iOS and Android devices, LMS does not have a special application (App), so the user always uses the Internet forced to enter the platform.

O-Opportunities

- development of virtual education;

- students can use the materials of the subject they have studied long ago at any time

possible, this creates an opportunity to strengthen the learned lesson.

- availability of user personal data and login/passwords in the system therefore, if the platform is not secured with a good security tool, the data there is a possibility of

dispersion. It is clear from the analysis that if there are problems and some shortcomings if eliminated, the use of the LMS platform in the Uzbek education system is very beneficial for all young people offers convenient educational opportunities. In contrast to LMS, online education is now popular all over the world.

One of the platforms - COURSERA, not only students, but also new knowledge independently. It is very popular among those who want to learn. Coursera for everyone online, free and paid courses in any field from anywhere in the world creates an opportunity for independent learning. Currently, this platform is 275 in the world cooperates with more than prestigious universities. According to statistics, 2017, it has more than 24 million users and 4300 courses did. The presence of such online platforms is more on the students themselves, it serves as the main key for working, learning and searching for new fields. Uzbek students also first register for free on this platform, and then easily can use. Projects aimed at the development of education on the Internet, like Coursera. There are many more, for example, edX, Khan Academy, Udacity, etc. Demand from young people the only thing to do is to develop the skills of independent research, with passion, it's just a matter of finding such courses and knowing how to take advantage of them. In fact, the introduction of distance education is not only for students, but also for teachers will motivate him to work on himself. They have more time to improve their skills will be Also, if face-to-face communication is of primary importance in traditional education, foreign professors through the distance education system or post-graduate studies abroad by attracting Uzbek teachers who have good experience in continuing education, it is possible to bring some innovation to education in the whole republic. The fact that education offers work in a "flexible" schedule is "work-life" for teachers creates an opportunity to develop balance. That is, now the teachers are not only focused on their work, but also he can pay more attention to changes in his family and social life. At the same time

In addition, they are multimedia presentations or interactive online exercises, just like students can learn to use modern technological equipment to create. The last one and the opportunity to become aware of teaching methods will attract students to the lesson better helps to do. Training is organized remotely, not face-to-face communication processes between teachers and students should be maintained. Teachers use modern teaching methods to ensure students' activity, their use is very important. For example, Synchronous and Asynchronous Learning method. In this, the student has a live conversation with the group and the teacher about the topic builds, and others based on their capabilities to fulfill the task uses additional resources. This method gives the student the skills of independent research develops well, because it is not from the teacher's ready-made educational materials, but from himself performs the task through a source that is researched, understood and interested. Also a student young people learn to be a little more responsible. Because distance education is good knowledge, it is guaranteed by the level of responsibility of both the student and the teacher. This is the method it is good not only in distance education processes,

but also in the traditional education system, if it is organized, it will certainly have an impact on the development of students as qualified personnel.

However, there are directions in which the introduction of distance education is very important causes difficulties. For example, the medical field. For each subject passed it takes practice. Educational directions related to art, crafts, remote organization of activities in the field of sculpture or sports impossible. For these reasons, studying every aspect of this system in Uzbekistan. The main part of higher education institutions is current, taking into account the field of study, it is appropriate to achieve.

In conclusion, distance and traditional education have their own characteristics, advantages, with its disadvantages and conveniences, it has a special effect on the learning of each student. Despite the fact that it has some shortcomings, it has a great effect on improving the quality of education is high. Students not only acquire theoretical knowledge, but also find work in their field, not just a few months of practice, but rather years of experience. Remote education to establish a corruption-free, fair Uzbek higher education system and other positive things.

A knowledgeable and intelligent Uzbek can be the main impetus for the implementation of changes and innovations for young people to study here, not abroad, but satisfied with the quality of education in their own country, the opportunity to make more contributions to the development of the Motherland creates.

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