

MANAGEMENT OF THE EDUCATIONAL PROCESS OF UNIVERSITIES WITH THE HELP OF ELECTRONIC SERVICES

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ABSTRACT

The article analyzes the experience of foreign educational institutions in order to study the problem of learning using distance learning technologies. An overview and possibilities of the most popular distance learning systems are also presented, an analysis of the use of distance learning technologies in the educational process of Tashkent Transport University and the development of a web portal of distance learning in the educational process of an educational institution is carried out.

KEYWORDS: *Electronic Resource, Distance Learning System, Educational Process, Independent Work Of Students, Digital Technologies.*

INTRODUCTION

The higher education system is one of the main areas that the pandemic has had the greatest impact on a global scale. Moreover, the higher education system has become one of the few prepared to transfer most of its processes to an online format. Although there were some problems here.

When organizing online education:

- most universities have strengthened cooperation with each other, national education authorities, educational platforms and international organizations;
- educational institutions have begun to provide each other with methodological support for the use of digital tools in teaching;
- up-to-date training courses are laid out in free access;
- informal groups of students, teachers, and university administrators are created on various platforms, where topical issues of online learning are discussed;

In recent years, the world has witnessed rapid developments in many fields, especially in information and communication technology (ICT). Technological progress has been introduced into all fields, including education which was affected hugely by ICT due to being a gateway to enlighten human's mind in order to develop and construct. Thus, the Internet started to play a key role to improve the effectiveness of teaching and learning in all levels specially with the emergence of e-learning and its tools that serve the educational process in a way that helps

learners to acquire experiences in different ways. As a result, new concepts emerged including: Virtual classrooms, e-courses, web-based learning, and learning management systems.[1]

The forced and largely sudden transition to digital education has served as an effective indicator of the opportunities and problems of the higher education system. Teachers and students, on the one hand, got a chance to fully use modern digital technologies, on the other hand, they faced not only a lack of methodological developments in the field of distance education, technological problems of educational infrastructure, but also a lack of digital opportunities for students themselves and even teachers. [2]

Educational institutions use several platforms and formats, the choice of which, one way or another, depends on the electronic educational environment (EIEE) being developed in a particular university. EIEE is a complex of electronic resources that allows you to organize the learning process remotely: file sharing, performance and attendance monitoring systems, repositories of teaching materials and student papers, databases of electronic lectures and seminars, etc. [3]

At the same time, teachers use other ways of communicating with students. INSTAGRAM FACEBOOK, for example, the teaching staff of the Transport University began to conduct classes almost from the very beginning of the pandemic through the ZOOM, TELEGRAM, INSTAGRAM, FACEBOOK platform INSTAGRAM, FACEBOOK and INSTAGRAM are the main social networks used by the majority of students in Uzbekistan, according to the survey results. At the same time, many university teachers tend to be skeptical about social networks, as if they have wasted their time. When trying to use social networks in their activities, the teacher should be aware of the following — everyone is equal in social networks. As a result, there is an opportunity for individual manifestations of subjectivity associated with the presence of friends in the social network of one or another of their students. [3]

With a large number of instructions, trainings for teachers on the organization of online learning and the use of digital tools, there is a decrease in the quality of teaching and the unwillingness of a significant proportion of teachers to use the opportunities of this form of training. The quality and quantity of educational resources necessary for the study of the discipline is either insufficient if the university or a particular teacher has not been engaged in this area of work before, or redundant if students are invited to use all materials available in the public domain on recognized educational platforms in the relevant field of study, but without appropriate navigation. [4]

In our country, the use of advanced innovative pedagogical and information technologies in the field of education is given great importance. President of the Republic of Uzbekistan Shavkat Mirziyoyev, in his decree, identified one of the main activities of educational institutions: "... the introduction of modern methods of teaching and assessing students' knowledge, including the widespread use of digital tools and distance learning, as well as the organization of the learning process using interdisciplinary modules aimed at the formation of general professional skills; ...". In the Decree of the President of the Republic of Uzbekistan "On measures for the further development of the sphere of pedagogical education", one of the priority directions of the development of the sphere of pedagogical education is: creating additional conditions for the continuous development of professional skills of pedagogical personnel as a result of the

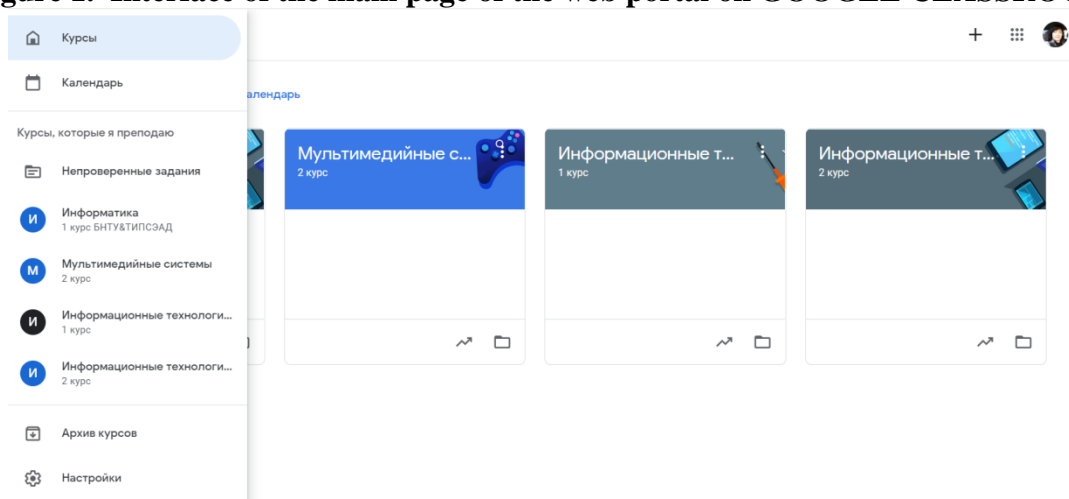
introduction of digital technologies into higher pedagogical education and ensuring the solid integration of modern information and communication and educational technologies. [5]

Thus, higher education institutions in Uzbekistan are, on the one hand, on the verge of entering the global competitive educational environment, on the other hand, they can use and adapt international developments, open information platforms, proven practices and approaches faster.

The object of the research is the technology of organizing distance learning on the Google Classroom platform in the educational process of the Tashkent State Transport University. The subject of the study is the use of distance learning technologies (DOT), implemented in the form of a web portal, in the study of disciplines in the Department of Computer Science and Computer Graphics of the Tashkent State Transport University. [6]

The significance of the work lies in the fact that the developed web portal of distance learning based on the Google Classroom platform will improve the quality of the educational process, ensure effective exchange of educational materials between participants in the educational process.

Figure 1. Interface of the main page of the web portal on GOOGLE CLASSROOM



The use of all forms of information and communication technologies and methodological innovations contributes to the organization of an effective learning process and increases interest in the object under consideration. If the object is comprehensively described using modern cloud technology tools or methods of electronic learning systems, students can form knowledge, skills and abilities that are the main task of pedagogy in general. [7]

The foreign experience of using digital technologies in the educational process has been studied. The practical significance of the article lies in the fact that the educational platform used can be introduced into the educational process in higher educational institutions of Uzbekistan.

Among the popular platforms for organizing distance learning, there are indeed several free ones. The best free educational platforms for distance learning are considered to be: Moodle, Edmodo, Google Classroom, E-study. [8]

Moodle is one of the most popular digital educational platforms for distance learning that are used in Uzbekistan. It is Moodle that is most often chosen by higher educational institutions of

our country. Moodle became the leader among distance learning platforms in 2020-2022 in terms of the number of users. [9]

Currently, the organization of the educational process is impossible without the use of modern learning technologies. As the experience of developed foreign countries shows, a promising solution is the introduction of cloud technologies into the educational process. These include free hosting of network services: Web 2.0 services or Google services. The technical capabilities of this service are based on free hosting and wiki technology, which allows you to create a full-fledged electronic learning environment on the site. Another important advantage is the ability of several users to work together - the teacher, as the owner of the site, organizes students' access to the site as co-authors. All authorized participants can edit pages, leave comments, and add files as attachments to pages. [10]

The results of the case study, based on the analysis of existing services, show that the use of Google Classroom as a learning environment has a positive impact on improving learning outcomes, interest and motivation of students in learning and fostering creative attitudes among students. [11]

Achievements in the field of telecommunications and the practical implementation of lifelong education create prerequisites for the emergence of distance forms in education, which can lead to the penetration of foreign universities into the educational market of our country. The system of training specialists at the university should be adequate to the requirements of employers, only in this way you can get guarantees of a prestigious, highly paid job, this is an additional incentive for the applicant when choosing a university. [12]

The State of Uzbekistan considers the introduction and use of digital technologies in the field of education to be a priority. Over a certain period, the country has formed a regulatory framework aimed at the development of the ICT sector. To be more specific, 11 laws, 6 related laws, 3 decrees of the President of the Republic of Uzbekistan, more than 40 resolutions of the President of the Republic of Uzbekistan and the Cabinet of Ministers, as well as more than 600 by-laws were adopted.

Our own observations have shown that, in general, distance learning technologies are an effective innovative technology that significantly increases the level of computer literacy, internal motivation of students, their level of independence, as well as general intellectual development.

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