ORGANIZATION OF SELF-STUDY OF STUDENTS IN THE HIGHER EDUCATION SYSTEM USING DIGITAL TECHNOLOGIES

Jurayeva Nargiza Oltinboyevna

Bukhara State Pedagogical Institute

Corresponding author: https://orcid.org/0000-0002-3139-2217,

nargizajurayeva4790.gmail.com

Abstract: In this article, there is a brief description of the use of mobile software applications in the organization of students' independent education and the ways to increase the efficiency of students' independent education and the ways to increase students' self-confidence and interest in science with the help of mobile software applications; data is provided.

Key words: independent education, mobile application, mobile education, information and communication.

This article provides a brief description of the use of mobile software applications in the organization of self-study of students, as well as ways to improve the effectiveness of self-study of students and ways to increase students' self-confidence and interest in science. using mobile software applications.

Today's era requires a modern teacher to teach students self-study using Internet technologies. The teacher acts as an educator who directs and corrects the activities of students.

Digital technologies are considered one of the most effective tools for organizing students' project, educational and research activities. They create opportunities for the use of various electronic learning modules of digital educational resources, as well as effectively present the results of project activities. When using digital learning technologies as a means of implementing a project, the student's creative self-awareness expands, his abilities develop, since he is provided with the information necessary to disclose the topic of the project and relevant information for practical work.

Without improving students' self-learning of educational materials, it is impossible to fulfill the tasks facing modern education at the required level.

The development of the reasons for independent learning encourages the subject to organize his creative activity and thereby raises the question of what independent learning should be.

In short, the importance of mobile app development is increasing not every year, but every month. It's no secret to us that hundreds of new mobile apps appear online every day.

In education, gadgets and software are used for distance learning, preparing and completing homework, presentations, programming and creative tasks. Virtual and augmented reality help to better understand the material and make learning more interactive. This allows the teacher to create a curriculum that enhances the interactivity and intellectual component of learning.

Digital technologies are no longer just a tool, but a new environment for human existence. The digital educational environment opens up fundamentally new opportunities: the transition from

classroom learning to learning anywhere and at any time; the development of an individual educational course that thus meets the educational needs of the student; opportunities such as turning students not only into active consumers of electronic resources, but also into creators of new resources. The more technology a teacher has, the more interesting and colorful the lesson can be. Today, all classrooms are equipped with iPads, tablets, smart boards and other types of educational technologies.

Consequently, digitalization of education leads to its radical, qualitative restructuring. The teacher must learn how to use new technological tools and also unlimited information resources.

The technology of self-study and the reasons for self-study are interrelated: lack of confidence in the ability to achieve a specific result, more than any other reason, deters the student from self-study and prevents independent work.

The creation of self-learning technology involves solving a number of specific tasks. Among them, the goal of regular education stands out. If education serves to ensure overall development, then the purpose of independent education is to develop professional skills or professional skills and become a mature person in their field.

Tasks that allow independent learning are designed to create favorable conditions for students whose mastery of concepts, foundations and value orientations is low and unsatisfactory. The feeling of success in itself creates a psychological state that encourages the student to study independently.

Independent work of a student is a set of independent work performed in and out of the classroom, under the guidance of a teacher or without the participation of a teacher. However, it cannot be said that all students will search independently, without the participation of a teacher. Because most students' self-doubt prevents them from learning on their own. Therefore, in order to increase students' self-confidence, it is necessary to enrich their knowledge of the subject and, with the help of concrete examples, convey to the student that each subject is necessary in all aspects of life.

Bukhara State University conducts scientific research on the use of mobile applications in the organization of self-study of students, and all the necessary conditions are sufficient for this. The main purpose of our research is to develop an effective organization of self-study for students of higher educational institutions. In this process, our students, who show a high interest in independent study, are involved in the scientific work of departments, work with scientific supervisors, and participate in the implementation of scientific projects funded by scientific foundations. But all these jobs are often done with talented students. The purpose of our research is to create a mobile application for higher education institutions in order to effectively and efficiently use their capabilities in organizing independent learning for students. In this regard, we need to know to what extent they have the knowledge and skills for independent learning and its implementation [5].

Usually, the student's independent work includes the student's independent work under the guidance of a teacher, which is performed outside the classroom along with the student's independent study [4].

Today, the transition of education to a distance and modular credit system leads to the formation of an independent student's work on himself and skills for self-acquisition of knowledge. Explaining this to a student from a distance presents several difficulties. Taking this into account, the purpose of our research is to develop a mobile application that includes types of self-study for students and instructions for their implementation.

Teaching students mathematical sciences is necessary for the formation of the scientific and technical worldview of undergraduate students of the higher education system, the formation of the ability to familiarize with modern technical means and use them.

That is why the creation of mobile applications that help students of higher educational institutions to acquire knowledge in various subjects is one of its urgent tasks today. Improving the organization of independent learning in higher education institutions, increasing the effectiveness of education through the widespread use of modern pedagogical and information technologies, non-traditional and interactive methods of studying the subject is gaining positive importance.

REFERENCES

1. Саидахмедов Н. Новые педагогические технологии. – Т.: Молия, 2003. –172 б.
2. Usmanov B.Sh., Khabibullaev R.A. Organization of the educational process in higher educational institutions in the credit-module system. Study guide. T.: "Tafakkur" publishing house, 2020. 120 pages.
3. Trongtortam, Suparawadee (2019). A decision support model for mobile technology enhanced teaching. Diss. Liverpool John Moores University.104.
4. Жураева Н.О. Некоторые указания по организации самостоятельной учебной деятельности в учебном процессе. Образование и инновационные исследования. №3, 2021. - стр. 170-176
5. Жураева Н.О. Методы организации самостоятельного обучения. Современные проблемы прикладной математики и информационных технологий. 11-12 мая 2022 г. Бухара. -488-489