

THE IMPORTANCE OF SMART TECHNOLOGIES IN EDUCATION OF THE FUTURE LANGUAGE TEACHERS

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ABSTRACT

As a result of the rapid development of information technologies, which have become an integral part of the modern human environment, smart education is gradually replacing traditional electronic education. The concept of smart education is currently associated with a number of concepts, many of which do not have the same interpretation. Publications on the topic of smart education appeared a few years ago, and they note the main trends in the development of education and create future logical forecasts for further changes in the education system.

Key words: Education, pedagogical technologies, smart education, multimedia, information technologies.

INTRODUCTION

There are three important aspects of smart education: organizational, technological and pedagogical, which are an integral part of "disabled" education. Implies diversity, ability to quickly and easily adapt to the demands and needs of listeners. This is a completely new educational environment in which educational activities are carried out on the Internet based on common standards, technologies and agreements between a network of educational institutions and use common content. A distinctive feature of this type of education is the convenience for all segments of the population, regardless of the place of residence and financial situation, that is, the opportunity to receive education "everywhere".

MAIN BODY

When it comes to the introduction of the information age, the stages of information and communication technologies (ICT), their application to the real educational process, the creation of modern information infrastructure, the creation of completely new multimedia educational programs and their implementation in education are gradually progressing - is slowly coming to an end.

At this point, a natural question arises: how to evaluate the acquired knowledge and experience, what should be the next step?! For example, the problems of traditional educational processes related to the use of ICT, including: informal educational associations of various forms, which are increasingly developing in the world Internet networks, "real" educational institutions with "virtual" ones exchange, distance learning, etc.

At the modern stage of ICT development, there are needs that cannot be satisfied not only by classical educational technologies, but also by electronic education (e-learning). At the same time, the transition from the e-learning system to Smart (intelligent, observational, dynamic) e-learning and Smart Education is under-way. This concept embodies the comprehensive modernization of all processes in the field of education, as well as all methods and technologies used in this process. The concept of Smart forms technologies such as "smart board", "smart screen", and access to the Internet from any point along with it in the educational sector. Each of these technologies enables the content development process to be rebuilt, delivered, and updated. As a result, it will be possible to learn not only in the classroom, but also at home, at work, in public places, and at leisure. In this case, active educational content comes into play as the main element that evaluates the educational process. Based on it, a single repository will be created that eliminates the barriers of time and space concepts.

Smart education is a union of educational institutions and teaching staff that implements education through a single Internet network based on common standards, agreements and technologies. At the Tashkent University of Information Technologies, a number of projects on the use of ICT in the educational process are being implemented. It will be appropriate to skip it. This site consists of several sections, through which students will have the opportunity to regularly familiarize themselves with the news of the department. Also, there are about a hundred textbooks, training manuals, teaching methods published in our country and abroad on subjects such as "Electromagnetism", "Electromagnetic fields and waves", "Antenna basics" taught in the department, placed in the site library. Can read and copy manuals easily.

A smart environment for students is an individual educational environment for each student, practical orientation, independence in the development of knowledge, skills and abilities - all factors that allow successful adaptation to the social environment; smart, interdisciplinary, student-oriented educational systems of continuous education (school, university, corporate training); customized training programs, portfolio; cooperative learning technologies; automation of a large number of routine functions; can be expressed through the involvement of practitioners in the learning process.

With the emergence of the concept of "smart", such concepts as smart/interactive-board (writing board), smart-screens, and access to the Internet from anywhere also entered the education system. Each of these concepts allows us to re-frame the process of developing, delivering, and implementing information content. Without the accumulated experience of electronic education (e-learning), it is impossible to implement the concept of smart education. At the heart of the smart-education process lies the achievements of information technologies, electronic and distance education, valuable experiences gained over the years.

The main task of smart educational technologies is to create conditions for students and future teachers to achieve new efficiency in the educational process. Application of this type of educational technologies requires a comprehensive approach. The development of the concept of smart education corresponds to the development of a new technological paradigm in the world. In recent years, especially in the context of the ongoing pandemic, the demand for the use of electronic and smart education technologies has increased dramatically. As a result of the fact that almost all countries implement the educational process mainly through information technologies, this technology has developed at an unprecedented level in Uzbekistan during the last 2 years. Schoolchildren, who make up the majority of students, also got to know the process of e-learning.

CONCLUSION

For future teachers, this type of educational technology has a clear advantage over others with the ability to work remotely from anywhere in the world. In this, the student can participate in the educational process regardless of where he is, with a computer and the Internet. Learning is possible not only in the classroom, but also in any other place: in public places such as a playground or a cafe. The main element that connects the educational process is active educational content, based on which it is possible to remove time and space frames.

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