



## ADVANTAGES OF USING MODERN SMART TECHNOLOGIES IN COMPUTER LESSONS

**Khotamov Eldorbek Orifjonovich**  
*Shakhrikhan Agro-Industrial Technical  
College under Andijan State University  
Deputy Director of Industrial Education*

**ANNOTATION:** *Due to the increasing role of information technologies in the life of society in Uzbekistan, rapid informatization and computerization of the education sector is being observed. Advanced systems and innovative technologies aimed at raising the quality of education to a new level are being actively introduced. This scientific article provides information on the advantages of smart technologies.*

**Key words:** *interactive board, optimization, graphic, smart - education, electronic education, smart electronic education, information society.*

### INTRODUCTION

Due to the increasing role of information technologies in the life of society in Uzbekistan, rapid informatization and computerization of the education sector is being observed. Advanced systems and innovative technologies aimed at raising the quality of education to a new level are being actively introduced.

The Smart Education social project, created in cooperation with the Center for Vocational Education, is the newest system for assessing the level of mastery for educational institutions. Created for teachers and administrators, this tool is an innovative development aimed at simplifying daily paperwork. The system allows to increase the transparency of the educational process by automating the educational process and related document circulation, informing parents. Today, more than 400 colleges and lyceums are connected to the Smart Education system throughout Uzbekistan in test mode. According to the results of the 2016-2017 academic year, the first place in the rating of colleges and lyceums actively implementing the Smart Education system in the educational process was taken by the Chirchik Academic Lyceum under the Tashkent Institute of Chemical Technology.

The head of the Lyceum of the Smart Education project, K.A. Roziyev and computer science teacher B.A. Akhmedov for his active cooperation and demonstrated organizational initiative.

Sehriyo School, 5th Academic Lyceum under Tashkent State Technical University, Republican Olympic Reserve College, Zangiota Academic Lyceum are



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actively participating in the implementation and development of the Smart Education system.

## METHODOLOGY

Smart education implies a large number of sources, the maximum variety of multimedia (audio, video, graphics), the ability to quickly and easily adapt to the demands and needs of the audience [2]. 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 common content is used. A distinctive feature of this type of education is the convenience for all sections of the population, regardless of the place of residence and financial situation, that is, the opportunity to receive education "everywhere" [3].

According to Z. K. Bekturova, N. N. Vagapova, a number of important factors are necessary to create a smart educational environment. They include: learning through innovative methods using new knowledge and technologies; convergence of technologies, optimization of educational conditions; includes such things as automatic adaptation to individual learning goals, existing knowledge and skills, and social environment [3].

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; collaborative learning technologies; automation of a large number of routine functions; can be expressed by involving practitioners in the educational process

## ANALYSIS AND RESULTS

With the emergence of the concept of "smart", concepts such as smart/interactive-board (writing board), smart-screens, and access to the Internet from anywhere have entered the education system. Each of these concepts allows us to restructure the process of information content development, delivery, and implementation [4].

It is impossible to implement the concept of smart education without the accumulated experience of electronic education (e-learning). At the core of the smart-education process are the achievements of information technologies, electronic and



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distance education, valuable experiences gained over the years. The main task of smart-education technologies is to create conditions for students and 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 is the development of a new technological paradigm in the world

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