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THE IMPORTANCE OF SCIENCE AND EDUCATION USING ADVANCED INFORMATION COMMUNICATION TECHNOLOGIES (ICT) AND INNOVATIVE TECHNOLOGIES

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At present, the introduction of information and communication technologies ICT capabilities is a key issue in education in various fields. ICT not only helps us to develop the knowledge and skills of the youth, but also to develop their personality. The role of ICT is also remarkable in the interest of science. The considerations are also mentioned in a number of regulatory documents.

Particular attention was paid to the Resolution of the President of the Republic of Uzbekistan of April 20, 2017 “On measures for further development of the higher education system”. Enhances access to higher education institutions with modern information and communication technologies, expanding access of university students, researches to the world education resources electronic catalogs and databases of contemporary scientific literature, 500 million it is planned that more than UZS will be used for the provision of educational and laboratory equipment, furniture and inventory, as well as the creation of laboratory facilities serving all educational institutions for general use and the development of information and communication technologies⁴.

In addition, the Strategy for Action 2017-2021 adopted a comprehensive program for the development of higher education. These programs also introduce ICT in the Higher Education system and increase the effectiveness of our educational activities.

We could not do our daily life without modern equipment like TV, radio, mobile phones, computers and tablets. Using them, we can enrich the content of our marriage, and ease our educational responsibilities⁵...

Now, I am thinking of young people, that elementary education is the basis of the world of knowledge in human life. The interest to science in the future is generally the child's first teacher and start is dependent on literacy in the classroom.

⁴ April 20, 2017 Decree of the President of the Republic of Uzbekistan “On measures for further development of the higher education system”.

⁵ Study of the State Program on implementation of the Strategy of Action in the five priority areas of the Republic of Uzbekistan for 2017-2021 at the Year of Communication and Human Interest. Scientifically-methodical brochure T. “Spirituality” 2017-102.p.



As you know today, most modern learners are able to get acquainted with the ICT tools in the family even before they reach the threshold of public education.

They are really born in the age of information and are not yet aware of what happening around them, and they are growing up to date with modern communication devices, computers, and other gadgets that are familiar with their function. The role of the first teacher in shaping the initial capacities of young people to choose the correct information about the information world is crucial. It is also important to include ICT in the process of teaching the learner education, teaching and learning process to ICT for primary education and the teaching of other basic subjects in the curriculum. Teachers of the tertiary education process should have the potential for ICT in order to succeed in meeting the requirements of time. This is one of the urgent tasks of the continuing education system.

In general, the potential of ICT is the ability of a person to have a computer literacy, both in his daily life and in his professional activities. It is no secret that today elementary school student tools and access to computer literacy.

In pursuance of the Decree of the President of the Republic of Uzbekistan from May 21, 2004 of UP-3431 “On the State National Program for the Development of school Education for 2004-2009” and to radically improve the system of general secondary education, the Cabinet of Ministers on June 9, 2004, to create equal conditions for the education of children through the gradual overhaul of the material base of rural and urban schools, the formation of the educational standards meeting modern requirements, of the Constitution of the Republic of Uzbekistan.

In his speeches, the first President of the Republic of Uzbekistan Islam Abduganiyevich Karimov said, “The future of our country depends on the future of our people on the way to the society of our country, in the first place, our children, first of all, grow and grow into life. We should never forget the truth, and if we are friendly, we are one person in the interests of our people, and nobody will ever win the Uzbek people if we do not go out of our way”.

In the above-mentioned statements, I emphasized the importance of using science with modern ICT and innovative technologies for students.

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