



## INFORMATION TECHNOLOGIES: ESSENCE AND UNIQUENESS

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Article history:	Abstract:
<b>Received</b> 17 <sup>th</sup> August 2022 <b>Accepted:</b> 17 <sup>th</sup> September 2022 <b>Published:</b> 23 <sup>rd</sup> October 2022	This article analyzes some issues related to the nature and uniqueness of information technologies. Also, the rapid development of communication and information media such as the Internet, television, cinema, radio, video, mobile phone, slides and pictures with various information, understanding and solving the problems of forming an information culture and ensuring the information security of the growing generation - today's attention is paid to the fact that it is one of the urgent issues

**Keywords:** Education, method, style, social, online, information, society, internet, culture, communication, globalization, technology, media literacy, social development and others

It should be noted that in the conditions of modern globalization, the quality of education is expected to increase as a result of the enrichment of online teaching methods in the field of higher education with modern information media. In this regard, the distance education method is of particular importance as it has a number of conveniences for teachers and students. The current situation, the problem of information protection of educational and methodological materials necessary for students, attracts the attention of specialists working in the field of computer systems and networks, as well as users of modern computer tools. Given the fact that young people look at such media with great interest and use them widely, it is not difficult to understand how important this issue really is. From this point of view, this article focused on the role of information technologies in the development of society.

It is known that in the world of information, many new information distribution technologies such as the Internet, Internet television, Internet radio, e-mail, online video are developing rapidly. In the conditions of modern globalization, the quality of education is expected to increase as a result of the enrichment of online teaching methods in the field of higher education with modern media. . In this regard, the distance education method is of particular importance as it has a number of conveniences for teachers and students. The current situation, the problem of information protection of educational and methodological materials necessary for students, attracts the attention of specialists working in the field of computer systems and networks, as well as users of modern computer tools. Given the fact that young people look at such media with great interest and use them widely, it is not difficult to understand how important this issue really is.

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Today, in the world of information, we are witnessing the rapid development of many new information distribution technologies such as the Internet, Internet television, Internet radio, e-mail, and online video, and their audience and sphere of influence is expanding. Taking into account the fact that such media are viewed with great interest and widely used by young people, it is not difficult to understand how important this issue really is.

It is known that information media plays a major role in the formation of opinions about the events and news happening in the world, around us, among the population, including in the minds of the young generation.

The rapid development of communication and information media, such as the Internet, television, film, radio, video, mobile phone, slides and pictures with various information, has changed our lives qualitatively and created many new problems, such as the formation of information culture and ensuring the information security of the growing generation. understanding and solving problems. The culture of using information and communication technologies teaches students to think independently, develop creative activities, receive information, process it, generalize, draw conclusions, and creates a foundation for the development and maturity of young people's worldview, intellectual potential. Information culture is formed on the basis of working with information, searching for information, not being deceived by various false information, knowing how to distinguish, process, organize the necessary information, understand the content of information, transfer unbiased sources to friends, and learn to think logically. It is important to understand for whom and for what purpose the information is prepared. Every student should have a general idea of what technical tools are used in the field of communication.

In the process of today's globalization, special attention should be paid at all stages of education to the ability of young people to analyze information, to distinguish the main message from information, to correctly understand the direction of communication, its hidden meaning, in short, to analyze any information. Although the concept of media education occupies one of the main places in the pedagogy of developed foreign countries, media education is

not defined clearly. Nowadays, media education resources are widely used all over the world. The resolutions and recommendations of the UNESCO conferences held in Grunwald, Germany in 1982, in Paris in 1997, and in Seville, Spain in 2002 focused on media education issues.

While media literacy is taught as a separate subject in the complex of humanities in Great Britain and Australia, in Finland it has been included in the curricula of secondary schools since 1970, and in higher education institutions since 1977. In the 1990s, media literacy in the country was replaced by the concept of media education. In Sweden, it has been taught as a separate subject in educational institutions since 1980. In the 1990s, research on media education was carried out in Russia. In 2002, a course on media education was opened for higher educational institutions of pedagogy. Also, in 2005, under the auspices of UNESCO, the textbook "Media education" was created and the website of film education and media pedagogy was launched in Russia. Although media literacy is not included as a separate subject, the elements of media education are taught in the general education schools of our Republic as part of the subjects "Literature", "History", "Feeling of the Motherland", "The idea of national independence and the foundations of spirituality", "Informatics" and "Music".

In general, one of the priority tasks for the education system is to provide the young generation with modern knowledge, to educate them as independent thinkers, to respect universal and national values, to be patriotic people with high human qualities, and to form moral immunity against various ideological threats and information attacks in the minds of young people. In the process of today's globalization, it is an important issue to improve the knowledge and skills of young people in using modern information and communication networks, in particular, the Internet, and analyzing information. According to the data, each user spends a lot of time on the Internet per day. However, according to today's requirements, it is necessary to be able to separate the necessary information and data from unnecessary and useless, fake ones, that is, to have media literacy. First of all, it is necessary to find answers to questions such as what is media literacy and why is the demand for it increasing around the world today. Because in recent years, the speed of the flow of information has increased several times, along with positive information, the increase of negative information has made it necessary to have media literacy. Traditionally, media literacy has been a person's ability to analyze works and create quality texts.

"Today, media literacy means knowing why and for what information is being transmitted. A media literate person - who created this information and for what purpose? Is this message necessary for me? - should be able to ask the question and draw a correct conclusion, should be able to take a critical approach to it. These questions should be asked not only while watching TV in the family, listening to the radio in the car, or watching news on the Internet, but also when receiving and evaluating any information," says journalist Nargiz Kasimova in her article entitled "Media Literacy and Media Education: The Essence". , mediaologists studied media and media technologies and conditionally divided them into 5 types:

1. Primary media — writing;
2. Printed media - printed publications, lithography, photography;
3. Electric media — telegraph, telephone, voice recording;
4. Mass media — cinematography, television;
5. Digital media — computer, Internet.

"Media" is derived from the Latin word "media", which means "tool", "mediator", more precisely, "mass media". Media serves to enrich the process of continuous education with visual materials, to improve the quality of the lesson and the efficiency of learning by students. At the same time, modem, photo, video, computer technologies, Internet make it possible to expand knowledge. "But the media can serve both good and evil. Today, there are children who fall in love with Spider-Man, people who believe all the information provided in advertisements, and people who follow foreign ideas," says the journalist in his opinion.

Media literacy is critical to understanding today's information environment. First of all, it is necessary to develop in young people the skills of sorting out the daily information transmitted and received through the media, making the right decision in any situation even after receiving various information, and forming the concepts of where, by whom and for what purpose the information is being transmitted, and whose interests it reflects. It is inevitable that the news and information, whose essence has not been studied, and which are spread falsely, will fundamentally change our lives. In the above article: "As a result of not analyzing the information and accepting it as it is, young people in different parts of the world are committing crimes, and those who feel like movie heroes, repeating the actions of "heroes" take up weapons and take the lives of innocent people. . Therefore, prevention of these situations and a conscious approach to information is the need of the hour today.

As we mentioned, in the conditions of globalization, the formation of a global information society, information and communication technologies, first of all, the Internet, are becoming an important factor affecting the development of children and adolescents. At the same time, the large-scale introduction of information and communication and Internet technologies into all spheres of society's life has increased the urgency of the issues of protecting young people from dangers in the information field, from ideological attacks coming from abroad, and from the destructive effects of their minds. Users of social networks, computer games, and consumers of video and film products are faced with information that has a negative impact on their physical and moral development. In this regard, the experience of developed democratic countries is particularly noteworthy, where these issues are solved through the following tasks:

- development of national legislation aimed at protecting young people and children in the information space;
- improving media literacy, communication etiquette in the network;
- creation of technical mechanisms to support safe operation on the Internet;
- ensuring broad participation and mutual cooperation of state bodies, educational institutions, family, civil society institutions, mass media, etc. in solving these issues.

It is known that our national legislation also has mechanisms to protect young people from unhealthy information. In particular, in the Law "On the foundations of state policy regarding youth in the Republic of Uzbekistan", "Prohibition of any actions aimed at violating morals among young people in the Republic of Uzbekistan, including promoting violence, indecency and cruelty", "On guarantees of children's rights" The law prohibits the use of mass media, the distribution of literature, and the screening of films that display pornography, cruelty and violence, insult human dignity, have a harmful effect on children, and cause crimes to be committed.

Most of the users of the information received via the fast Internet are young people. Fakhridin Soliyev, deputy of the Legislative Chamber of the Oliy Majlis of the Republic of Uzbekistan, writes in his article "Culture of using the Internet". -information under the influence of oppositions (9 thousand websites promoting easy ways to commit suicide, more than 4 thousand websites with immoral content, computer games with violence and evil, ultra-militant websites (brutal wars, killings, shootings, etc.)), national information is to enter our space. In fact, according to "Gazeta.uz" and "Daryo.uz" sites, the number of Internet users in Uzbekistan has exceeded 13 million. It is a pity that the total number of people registered on Ziyonet.uz, vsetut.uz, dyyaz.uz and similar sites, which are considered the only educational portals in Uzbekistan, cannot be equal to the number of users of a single social network.

These numbers encourage us to pay serious attention to making our national sites attractive, meaningful, level, interesting, attractive for young people. If our national sites are not ahead, if they expand the scope of "attraction" like other foreign sites, our youth will be the first to turn to national sites. At a time when the information sector is being liberalized, various political, ideological and other forces in countries far and wide, including about 120 countries, are working on organizing information attacks, using mass communication tools for their own selfish interests, abusing the freedom of information and growing youth. It is no secret that by showing informational threats to the generation, it is distracting young people who have not yet formed their minds and views on life, strengthening their aspirations to occupy their minds and hearts.

Today, there is no area where information technology has not penetrated. In terms of convenience, transparency and speed, modern information technologies are becoming an important factor of updates. Therefore, in order to ensure economic stability, social well-being, and further increase the standard of living of the population in our country, special importance is attached to the widespread introduction of information and communication technologies. In particular, in the past period, a number of laws on "Information", "On Telecommunications", "On Electronic Document Circulation", "On Electronic Digital Signature", and "On Electronic Government" have been adopted. It should be noted that the development and wide use of information technologies is among the important strategic tasks of our state for the near and long term. This can be confirmed by the example of Shavkat Mirziyoyev's speech at the joint session of the Oliy Majlis chambers dedicated to the inauguration of the President of the Republic of Uzbekistan. is important.

Therefore, the world practice shows that the development of information and communication technologies has the main factor in increasing the country's competitiveness, collecting and summarizing large flows of information, and creating wide opportunities for organizing management at a strategic level. Currently, information and communication technologies account for more than 5.5 percent of the world's gross domestic product. According to experts, this indicator is expected to exceed 9 percent in 2020. It can be seen that modern information technologies and software products are becoming one of the most important sectors in the development of the state economy as one of the profitable sectors. It is the effective use of information and communication technologies that ensures more transparency of the activities of state agencies, creates conditions for the active participation of citizens and civil society institutions, mass media in important management processes,

moreover, today's life itself shows us that the wide use of information and communication technologies serves to improve business management, increase the competitiveness of the economy, ensure the rights and interests of citizens, and improve the quality of life.

In conclusion, information technology is considered an important tool in ensuring the openness of the reform process and establishing an effective information exchange mechanism between the state and society. At the moment, the government, ministries and agencies, as well as the members of the parliament, have established special virtual receptions for effective communication with the population, first of all, to continuously improve the legal documents in the field in accordance with the world practice, to inform the general public about the essence of the new laws and to effectively implement them in practice. serves to implement.

**LIST OF REFERENCES.**

1. Мирзиёев Ш.М. Миллий тараққиёт йўлимизни қатъият билан давом эттириб, янги босқичга кўтарамиз. 1-жилд. – Тошкент: Ўзбекистон, 2017.
2. Ўзбекистон Республикаси ВМ нинг 2002 йил 6 июндаги № 200 “Компютерлаштиришни янада ривожлантириш ва ахборот коммуникация технологияларини жорий этиш чора-тадбирлари тўғрисидаги қарори”
3. Ўз.РХТВ 13.02.2008 йил, 35 сонли буйруш /Халқ таълими вазирлигининг ахборот –портали ([WWW.EDU.PORTAL.UZ](http://WWW.EDU.PORTAL.UZ) ).
4. Ёшларга оид давлат сиёсати тўғрисида Ўзбекистон Республикасининг Қонуни.ЎРҚ-406-сон. 2016 йил14 сентябрь.
5. Аминов И.Б. Таълим тизимида АКТдан фойдаланиш. Самду Самарқанд 2012 йил.асалари педагог-ўқитувчилари учун амалий тавсиялар). –Т.: “Истеъдод” жамғармаси, 2009. – 160 б.
6. Бегимқулов У. Педагогик таълимда замонавий ахборот технологияларини жорий этишнинг илмий-назарий асослари. Монография. Тошкент 2007 йил.
7. Қодиров Б.Ф., Бегимқулов У.Ш., Абдуқодиров А.А. Ахборот технологиялари. Электрон дарслик. Тошкент. 2002 йил
8. Абдуманнонов А. Таълим сифатини оширишда ахборот технологияларидан фойдаланиш. Тошкент. 2017 йил.
9. Борисова Т.С. Гигиенические основы компьютеризации обучения. Минск БГМУ, 2018.
10. Еремин А.Л. В Информационная гигиена. Москва. 20