

THE ROLE AND ROLE OF INFORMATION COMMUNICATION TECHNOLOGIES IN IMPROVING THE QUALITY OF EDUCATION

Shukhratjon Umarov, PhD

TUIT Fergana branch, Uzbekistan, Fergana city

Abstract

The article describes methods for improving the quality of education through the use of information and communication technologies in education, and also presents the goals and objectives of information and communication technologies in ensuring the quality of education.

Keywords: information, quality education, e-learning, engineering discipline, technological literacy.

INTRODUCTION

Nowadays, the education system is important in building a society. It is one of the most important needs for the well-being of the individual and society. Quality education helps to strengthen the nation in all directions. There are many ways to improve student learning and technology is one of the most effective ways.

ICT is an abbreviation that represents information and communication technologies, which includes all technologies for the manipulation and distribution of information[1].

A broad definition of ICT includes radio, television, satellite, mobile phones, computers and the Internet. It is divided into two groups; traditional ICT, i.e. new ICT such as radio, television and the Internet and telecommunications. Learning to use new information and communication technologies is also called e-learning.

STATEMENT OF THE ISSUE

Information and communication technologies are an integral part of the modern world. It is an electronic means of acquiring, processing, storing and distributing information. Today's society is surrounded by mass media such as newspapers, radio, television and computers since the dawn of information and communication technologies. These media are in the general shadow of ICT. Therefore, the fact that society's knowledge tools consist of information and communication technologies creates the need to use these tools in education.

ISSUE RESOLUTION

The impact of information and communication technologies on education consists of two things: information and communication technologies and education. It uses any communication device, application or service to support and improve students. Information and communication technology can be considered as a subject of educational technology.

According to UNESCO, ICT is an engineering discipline, a management technique used in working with social, economic and cultural aspects, in the application of information. Proper use of ICT can transform all educational processes and lead to a paradigm shift in teaching methodology[2].

Currently, ICT in the educational system includes the following goals:

1. Improving reading speed and achievement.

2. Improving the knowledge and skills of individuals necessary for a good life and sustainable development.
3. To encourage and facilitate the relationship between man and the environment.
4. Implementation of the principle of continuous education.
5. Increasing the diversity of teaching methods and services and the level of literacy through distance education.
6. Increase technological literacy among citizens and give equal importance to gifted children.

The role and benefits of ICT in education.

ICT is a potentially powerful tool for educational empowerment. The use of ICT makes a big difference in student teaching and learning approaches. Several studies have shown that students who use ICT generally show greater learning gains than those who do not. This allows quick and easy access to more detailed and up-to-date information.

ICT can be used for complex tasks as it helps researchers to disseminate research reports and results in a sustainable way.

Currently, three main ideas of information and communication technologies are being promoted in the educational system. They are a tool for overcoming challenges in education and training, an agent of change, and a central force in economic competitiveness. As a change agent, it can change the content, methods, and overall quality and quantity of teaching and learning, thereby reducing the teacher's workload and providing a test-oriented audience. In addition, ICT is a central force in economic and social change, with critical technologies for future employability of students today. The role of technology in the teaching and learning process is one of the most important and widely discussed issues in modern information policy, and if ICT is used correctly, it has great potential to improve teaching and learning in addition to creating workforce opportunities.

Currently, a number of activities are underway to expand quality educational materials, create digital information and educational facilities. In this case, we can cite the following as the main tasks of ICT in the educational system:

1. Development of educational services and tools;
2. Creating equal opportunities for education and information;
3. Development of educational information collection and distribution system;
4. Support for increasing technological literacy and distance learning;
5. Sharing experiences and sharing information with others;
6. It helps to improve innovative pedagogical skills and increases the efficiency of classroom teaching;
7. Works as a teaching and learning aid;
8. ICT helps teachers to motivate teachers and increase interest in learning;
9. ICT is the storehouse of an educational institution, because all educational information can be securely stored through ICT;
10. ICT helps teachers to communicate effectively with students.

CONCLUSION

Thus, ICT bridges the gap between teacher and students and plays an important role in student assessment.

Therefore, information and communication technologies affect all aspects of life, in which the impact of ICT is education. ICT expands access to education, facilitates the acquisition of basic skills and changes

the learning environment and helps improve the quality of education. ICT enables the teacher to work effectively. The use of ICT improves the learning experiences of students.

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