

Haydarov To'lqinjon Turg'unboyevich

Jizzakh Polytechnic Institute, Jizzakh, Uzbekistan

THE RELEVANCE OF DEVELOPING THE ROLE AND IMPORTANCE OF INNOVATIVE TECHNOLOGIES IN IMPROVING THE QUALITY OF LESSONS

Abstract: This article discusses the importance of innovative educational technologies in today's advanced educational environment. Information was given on ways to make education more effective, how to use modern technologies during the lesson.

Key words: information technologies, IT services, quality of education, personnel.

Initiatives currently being taken to improve the quality of education number is increasing significantly. This is one of the main tools for improving the quality of education are modern technologies. Today, almost all people use the Internet to: smartphone, computer, tablet know how to use these and similar settings. From this children are no exception. Children of school age are from these structures and networks they can use it almost without problems. Of course, this is a happy situation, but at the same time requires good skills and knowledge from teachers. The educational potential of the teacher in the field of ICT through the improvement of their qualifications is done. In order to improve the quality of lessons, teachers constantly improve their ICT skills they have to go, in order to fulfill such requirements through individual education improving knowledge is a modern education system. Also for teachers It will not be useful to use various scientific and practical methods, they are conferences, seminars materials, teachers' forums, experience with colleagues through social networks can exchange. Thus, the introduction of ICT to improve the quality of teaching and using the Internet provides the following opportunities: Opportunities in the field of professional skills of teachers; Increasing students' interest in the lesson; Many opportunities for teachers to approach their profession creatively; Wide range of self-study and distance learning for teachers opportunities; I think modern teacher training programs, digital learning resources and use information resources, find the necessary information and solve educational issues to choose the appropriate ones, from media, as well as scanners, digital photos use of recording equipment, video camera, digital microscope, projection equipment they should know. Information on the educational process in the preparation of pedagogical personnel for pedagogical activity and in-depth knowledge of the information technology system is necessary. Currently in training modern provided by information and communication technologies (ICT). the use of equipment is an important factor in increasing the effectiveness of the educational process.¹

Today, the interest and attention to the use of interactive methods, innovative technologies, pedagogical and information technologies in the educational process is increasing day by day, one of the reasons for this is that until now, traditional education If in the school, students are taught to acquire only ready-made knowledge, modern technologies teach them to search for the acquired knowledge by themselves, to study and analyze independently, and even to draw conclusions by themselves. In this process, the teacher creates conditions for the development, formation, learning and upbringing of the individual, and at the same time performs the functions of management and direction. In the process of education, the student becomes the main figure. Therefore, the place and role of modern teaching methods - interactive methods, innovative technologies in the training of qualified professionals in higher educational institutions and faculties is huge. Knowledge, experience and interactive methods of pedagogic technology and pedagogic skills ensure that pupils-students have an educated, mature qualification. Modern educational development has brought a new direction - innovative activity to the field. By the 21st century, which is considered to be the age of information - highly developed technologies, the attention to the issue of wide introduction of innovation in the educational process has

¹ Azamxonov, B.S. & Burxanova, M.M.(2023). Oliy o'quv yurti talabalarining axborot kompetentsiyasini shakllantirish usullari. Talqin va tadqiqotlar ilmiy-uslubiy jurnali, 1 (17), 308-311.

been increased. In Uzbekistan, in recent years, innovation has entered the education system as one of the first compared to other fields, and we can see how innovation is reflected in the educational process in the following.

The entry of innovation into the system of pedagogical sciences was determined by the following.

- a) Gender pedagogy;
- b) Heuristic pedagogy;
- c) Compulsory pedagogy;
- g) Androgical pedagogy

We can see the introduction of active, passive and interactive methods of innovation into teaching methods. If the use of the active method serves to increase the students' activity in the lesson, the passive method is explained by the one-sided understanding of the students. The interactive method is understood as active action together (teacher and student, student and student).

We can see the introduction of innovation into the form of lessons in the example of standard, non-standard and virtual lesson forms.

There are types of innovation in teaching types:

problem-based learning, heuristic learning, graded learning, integrated learning, interactive learning, informal learning, formal learning, non-formal learning. –

Multimedia, electronic boards and other tools can be used as an example of innovation in teaching tools. - Innovation in teaching methods can be seen in the following methods.

1. Active method - encourages students to be active during the lesson, to think and reflect on a certain situation and reality.

2. Passive method - leads to the formation of a one-sided understanding of the studied subject in the course of the lesson. 3. Interactive method. The purpose of this method is based on the joint active behavior of the teacher and students during the lesson.

We can see the innovation in the form of the lesson as follows.

- a) Standard lesson - the structure within the lesson does not change.
- b) Non-standard lesson - the structure within the lesson changes.
- v) Virtual lesson - i.e. distance learning. The concept of "new" is central to pedagogical innovation. It also arouses interest in special, conditional, local and subjective innovation in pedagogical science.

According to V.A. Slavenin, a private innovation, the current modernization envisages updating one of the elements of a certain system product. Conditional innovation is a combination of certain elements that lead to complex and progressive innovation. Innovation is a tool: a new method, methodology, technology, etc. V.I. Zagvyazinsky defined the new concept and said that the new in pedagogy is not only an idea, but also approaches, methods, technologies that have not yet been used, but the elements of the pedagogical process are combined or taken separately, and education in changing conditions and situations and reflects the advanced beginnings of effectively solving educational tasks. Pedagogical innovation is the process of developing, implementing, testing and evaluating innovations in the field of education that help to effectively achieve these goals. Among them: the educational process

changes over time, the labor market makes new demands on future employees, and teaching is changed, adapted to new goals, new pedagogical methods, methods and methods are needed to achieve this. ²

Innovations in education help to achieve the following goals: Humanization, democratization of the educational process; Activation of students' cognitive activity; Improving the effectiveness of the organization of education and training; Changes of educational material from the point of view of methodology and didactics. An approach to education is a set of basic principles, requirements and goals that are the basis for new technologies. The requirement of modern education is not to give students as much knowledge as possible, but to teach them to learn by themselves, not only to know, but also to be able to work with the received information. Pedagogical innovations are based on two main approaches: A student-centered approach considers the orientation of the learning environment to the individual student. Modern pedagogy should take into account the unique experience and character of each student, develop his individuality and talent. The implementation of this approach includes reliance on the principles of choice (students can choose the field of their choice), trust (absence of self-imposed pressure from the teacher), creativity and success, subjectivity, individuality;

ICT means students' active learning of subjects in the educational process and is an important factor of increasing interest; Encourages students to intellectual activity; Preparing students for various science Olympiads, quizzes, competitions creates positive opportunities for vision. Considering innovative technologies that increase the quality of lessons. Innovation - innovation, innovation, change, the term is mainly related to science and technology depends. However, innovation in activities related to human life, especially pedagogical great in teaching and training, using new technologies in the educational process has achieved success and is becoming more and more popular. Innovation - technical innovations, introduction of technologies, scientific achievements and best practices, quality of education in the educational system and to increase its effectiveness, to introduce new pedagogical technologies into the educational process. Innovative technologies are methods and means of implementing innovations. There is process of reconstruction of pedagogical technologies by updating ideas and hypotheses. By introducing innovative technologies into the educational process, the teacher adapts to a new environment will have to prepare. New technologies and rich experience accumulated in our country relying on them, combining them with innovative technologies, our own modern it is necessary to jointly conduct scientific and methodological work on the creation of our pedagogical technology. "Innovative we need to create a "schools" system. All subjects in such schools information and communication technologies are used. Then instead of "teacher-teacher". "teacher-computer-student" system is formed. An innovative approach to the educational process students gain new experience, understand creativity and critical thinking, aspire to the future necessary for education. Technology - Greek "techne" - art, "logos" - study (knowledge, education). In a broad sense, technology is the volume of knowledge, and in a narrow sense, it is the reorganization of existence (radical change) method. In the history of mankind, man first used the technology of friction is believed to have created According to the International Society for Technology in Education (ISTE), today's demand Many of the top jobs have been created in the last decade. Technologies teachers with the development of globalization and digital transformation to help students acquire the skills they need to succeed in their future careers can help. How important is technology in education? Why is the COVID-19 pandemic online? is rapidly demonstrating that education should be an important part of teaching and learning. Incorporating technology into existing curricula, using it solely as a crisis management tool as opposed to using online learning as a powerful learning tool for teachers possible Students' effective use of digital learning tools in virtual classrooms increase activity, help teachers improve lesson plans, and personal can facilitate learning. It also provides students with essential 21st century skills helps to form. Virtual

² Burxonova M.M. CISCO tarmoq texnologiyasi va uni kompyuter tarmoqlarini o'qitishdagi o'rni va samaradorligi. *Интернаука*. 2020. № 36 (165). С. 75-76.

classrooms, video, robots and other technology tools are not only the classroom can live, but also to teachers who develop cooperation and curiosity a more active learning environment that allows for data collection on student performance can create.

Unlike conventional technical education tools, ICT is not only available to students in large numbers provides ready, carefully selected, properly organized knowledge, but also of students independent assimilation of intellectual, creative abilities, new knowledge, various development allows. skills to work with information sources.

In conclusion, it can be said that today it is up to the teacher to improve the quality of teaching requires extensive knowledge and skills. Because today students too has a certain level of knowledge on modern technologies. Students learn the basics of ICT it is good that he learns from the teacher and acquires knowledge about the environment, I think. Therefore, ICT and innovative technology of teachers today there is a need to constantly improve their skills. Information and communication The goal of introducing technologies into the educational process is to provide students with modern information and familiarization with technologies, increasing literacy in this regard, most importantly, is to improve the skills of using this information. Introducing ICT capabilities increases the effectiveness and attractiveness of the modern educational process. Students We emphasize the importance of broadening the worldview, and the rules of their use we must not forget.

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