

**INNOVATION IN EDUCATION**<sup>1</sup>Nurullaeva Malika Khushnudovna, <sup>2</sup>Hulkar Bobobekova2nd year student of the Samarkand branch of TUIT<sup>1</sup>, Scientific adviser: Samarkand branch of TUIT<sup>2</sup>  
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President Shavkat Mirziyoyev: As they say, the most important task in the worldview of our people is to create an environment of innovation. Today, information technology and innovation are widespread. Not only in our country, but all over the world. Now we can see news in education and business almost everywhere.

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Innovation (in- "lik", novus- "new") means the introduction of something new Means. IMEN - turns production, new technical ideas into a definite science, helps to solve inventive problems. Giving up the old in education is a transition. Elements of the name are not only in the technical field, but also in education, can also be used in other areas.

The development of modern education has given rise to a new direction - innovation. The term "innovative pedagogy" and its specific research appeared in the 60s of the twentieth century in Western Europe and the United States. , Studied in the works of AISherbakov. These studies are presented in terms of innovative practices and the dissemination of best pedagogical practices. H. Barnett, J. Basset, D. Hamilton, N. Gross, M. Mayez, A. Haylock, D. Chen, R. Edem. conditional issues are analyzed. The psychological aspect of innovation was developed by E. Rodgers, one of the American innovative scientists. He studied the classification of the participants in the innovation process, his attitude to innovation, and his willingness to understand it.

In the 21st century, which is considered to be the age of information and advanced technologies, the issue of wide innovation in the educational process has received more attention. In Uzbekistan, in recent years, innovation has been one of the first to enter the education system than in other areas, and we can see how innovation is reflected in the educational process. The introduction of innovation into the system of pedagogical sciences includes the following in the structure of pedagogical sciences: a) Gender pedagogy;

b) Heuristic pedagogy;

c) Compulsory pedagogy;

g) was marked by the influx of disciplines such as androgogic pedagogy.

The introduction of innovation into the education system can be seen in the content of education, teaching methods, forms of teaching, types of teaching, teaching aids.

- Innovation in the content of education is explained by the introduction of traditional, non-traditional and distance learning.

- We see the introduction of active, passive and interactive methods of innovation in teaching methods. While the use of the active method serves to increase the activity of students in the classroom, the passive method is explained by giving students a one-sided understanding. The interactive method is understood as active interaction (teacher and student, student with student).

- The introduction of innovation in the form of lessons can be seen in the example of standard, non-standard and virtual forms of lessons.

- Innovation in the types of teaching is explained by problem-based education, heuristic education, tiered education, integrated education, interactive education, informal education, formal education, non-formal education.

- We explain the introduction of innovations in teaching aids with multimedia, electronic whiteboards and other tools in the classroom.

- Innovation in teaching methods can be seen in the following methods.

1. Active method. This method encourages students to become more active in the classroom, to think about a particular situation or reality.

2. Passive method. This method allows students to develop a one-sided understanding of the topic being studied during the course.

3. Interactive method. The purpose of this method is based on the active interaction of teachers and students in the classroom. Innovation in the form of lessons can be seen in the following way.

a) Standard lesson - the structure of the lesson does not change.

b) Non-standard lesson - the structure of the lesson changes.

c) Virtual lesson - distance learning.

The concept of "new" is central to pedagogical innovation. There is also an interest in private, conditional, local and subjective innovation in pedagogy. Private innovation V.A. Slastenin found that in the current modernization involves the renewal of one of the elements of a particular system product. Conditional innovation is the combination of certain elements that lead to a complex and progressive update. Innovation is a tool: a new method, methodology, technology, and so on. Describing the new concept of V.I. Zagvyazinsky, it is not only an idea, but also unused approaches, methods, technologies in pedagogy, but the elements of this pedagogical process are complex or separate elements, which are the beginnings of effective solution of educational tasks in changing conditions and situations. reflects.

RN Yusufbekova considers pedagogical innovation in teaching and upbringing as a previously unknown and previously unnoticed situation, the result, the evolving theory and the changing content of the pedagogical reality leading to practice.

The process of innovation consists of a system of structures and laws, the study of innovation processes, their functions, laws of development, mechanisms and technologies of their implementation, the pedagogical basis of management principles. level.

Pedagogical pilot innovation is a new production output, introduction and production process that helps to make production more efficient. Distance education is an innovation that is actively used in European countries and the United States. Specially designed sites create courses that include lecture periods, assignments, and a schedule of face-to-face consultations with teachers. Students set their own time and organize themselves for independent study.

The basis for learning is a set of practices, demands and opportunities that are new technology. The requirement of modern education is not to give students as much knowledge as possible, but to teach them to study independently, to have physical knowledge, but also to be able to work with the information obtained.

In short, the rapid socio-economic, political and cultural development of our country the changes also require a radical overhaul of the education system, as it is perfect the future intellectual potential of the republic and its prosperity through the education system creative, independent, young people who determine their development and growth plays a crucial role in teaching performance. That is why it is the most in the field of

education Innovative activity of educational institutions is an important strategic direction. This and creative, high-potential professional educators in all educational institutions preparation of intellectual property and intellectual property objects through higher education the introduction of the system as an innovative activity is a topical issue today is.

## PUBLICATIONS

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