



Andragogical Approach Technology in Improving the Professional Skills of the Heads of Professional Educational Institutions

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Abstract: Large-scale work on the introduction of digital technologies in educational institutions of the Republic is being continued. The decision of the president of the Republic of Uzbekistan dated April 28, 2020 No. PQ-4699 "on measures for the wide introduction of digital economy and e-government" also established the tasks of wide implementation of digital technologies at all stages of the educational system and increasing the level of digital knowledge necessary for the modern economy, improving educational infrastructure, as well as opening training centers for digital.

Keywords: Digital Economy, Technology Education, Online, E-Government, Sewing.

The implementation of these tasks makes it possible to create a digitization educational environment. To do this, future educators need to have the skills to be able to work in a digitization educational environment. In higher education institutions, the direction of "technological education" there are a number of methodological approaches to the formation of important professional qualities of students in the educational environment of digitization. In recent years, there has been a shift in education to the concept of "competence" in the concepts of "knowledge", "skills".

The formation of competence in teachers of the future discipline "technology" is understood mainly to direct the knowledge, skills acquired by him to practical activities, to prepare him with the ability to independently solve educational problems that arise in the future.

In pedagogical literature and scientific works, a number of scientists (I.A.Zimnyaeva, G.I.Ibragimov, I.A.Muslimov, D.Khimmataliev, G.K.Selevko, O.N.Shakhmatova h.k. (s) there are definitions given to professional competence [2,3,4,5,6]. Also E.L.Competence is defined by Bozadnieva as the readiness of an individual to effectively carry out his professional activities in an active environment and independently solve his problems based on the knowledge, skills and qualifications acquired in the process of education and experience.

N.A.Muslimov believes that professional competence implies the acquisition by a specialist of the knowledge, skills and qualifications necessary for the implementation of professional activities and their application at a high level in practice. [6]

The following definitions and concepts given to a similar competence can be cited.

D.Mustafoeva believes that the professional competence of a teacher of higher education is an integral complex necessary for the implementation of the main directions of his activity: participation in the promotion of educational, methodological, scientific, educational, department, faculty, higher education institution [7] According to Sh.S.Sharipova, "the professional



competence of a teacher of specialty science is based on this-systematic approach, the ability to solve professional problems on the basis of personal motivation (personality orientation) and characteristics (research and creativity) in his professional activity and adapt to changing conditions of pedagogical activity, as well as the ability to conduct pedagogical-psychological collaborationism" [8]. In our opinion, in general, competence is the ability of a student to fully apply the knowledge, skills, qualifications and experience acquired in the entire process of education in his professional career and make independent decisions.

Research has shown that in a digitization educational environment, competence can be divided into three groups.

Professional competence of future teachers acquired when they graduated from a higher educational institution

The ability to independently solve various problem situations in professional activities.

Informational communication is a skill to be able to effectively use technology.

In our research, we reflected on the competencies required by teachers of the future discipline "Technology" in the educational environment of digitization.

Our research on the teaching of the subject of" sewing "equipment in the areas of" technological education " in a digitization educational environment has shown that competencies in all three groups are important for working in a digitization educational environment. From this point of view, we initially touched on a competent approach.

A compendium approach in the digitization educational environment it serves as a methodology for the formation of competence aimed at solving issues in the conditions of digitization of future professional teachers and in the field of informational communication.

The main purpose of applying a competency approach is to prepare a teacher of the subject "technology", which can work in the conditions of digitization. Within the framework of the competency approach, the level of training of the future teacher of the subject "technology" was determined based on his ability to solve professional issues with varying complexity in the digital educational environment.

We have clarified the professionally important qualities that should be formed in the educational environment of the digitalization of the future teacher of the subject "technology" on the basis of a competent approach.

The ability to analyze and synthesize, the ability to develop educational materials and the ability to select important information;

Skills of working with educational and regulatory documents, ability to strategic planning, knowledge of regulatory documents on informatization and digitization;

Responsiveness, workmanship, organization, ability to give iniciativa and cooperate, constant self-development.

Social activism, pedagogical treatment and culture.

The ability to plan, organize the educational process, the ability to use innovative educational methods, the ability to apply advanced experiences.

The use of Information Communication Technologies in the educational process, experience in the development of e-learning resources, skills in the use of educational programs.

The skill of objective assessment of students ' knowledge, the ability to Lake modern methods of knowledge assessment, the use of digital educational platforms for assessment.



As can be seen from the above, digitization requires future teachers of the discipline "technology" to form a number of professionally important qualities in themselves in order to work in an educational environment.

The professional qualification of future "technology" teachers will be associated with its pedagogical activity. That is why in the digitization educational environment, a truly professional approach is used in the training of teachers.

A professionally active approach is to direct students of the direction of "technological education" to pedagogical activities in the educational process, to form digital knowledge in them, by creating a planned educational environment.

On our side, a complex of e-Learning Resources has been developed, which allows us to work in a digitization educational environment in the field of "sewing equipment", which is taught in the direction of "technological education". Electronic methodological platforms of this complex were created. The complex includes online lectures, tools, mobile applications, multimedia tools, virtual practical classes, bakholash tests. Through this complex, an online training process was established. Online theoretical and practical classes conducted with students, as well as tests conducted on the assessment of student knowledge in independent work sessions, and the built-in feedback with them, showed that the above professional qualities in students are all considered important.

Educational and professional activity is a process aimed at the formation of knowledge, skills and qualifications in students, as a result of which the necessary professional qualities are developed .

So, it can be said that the process of mastering the subject and passing practices established by the teachers of the future science "technology" in the educational plan of the direction "technological education" is an educational professional activity.

And in the process of digitization of Education, Educational and professional activities are directed to the dilution of electronic and distance education. In our research, we focused on developing professionally important qualities of working in the conditions of digital education in future teachers of the subject "technology" by applying Online education and an independent form of e-learning in the teaching of specialty subjects.

In pedagogical psychological literature, the connection between the process of formation of important professional qualities of an individual and professional activity is substantiated [9,10,11].

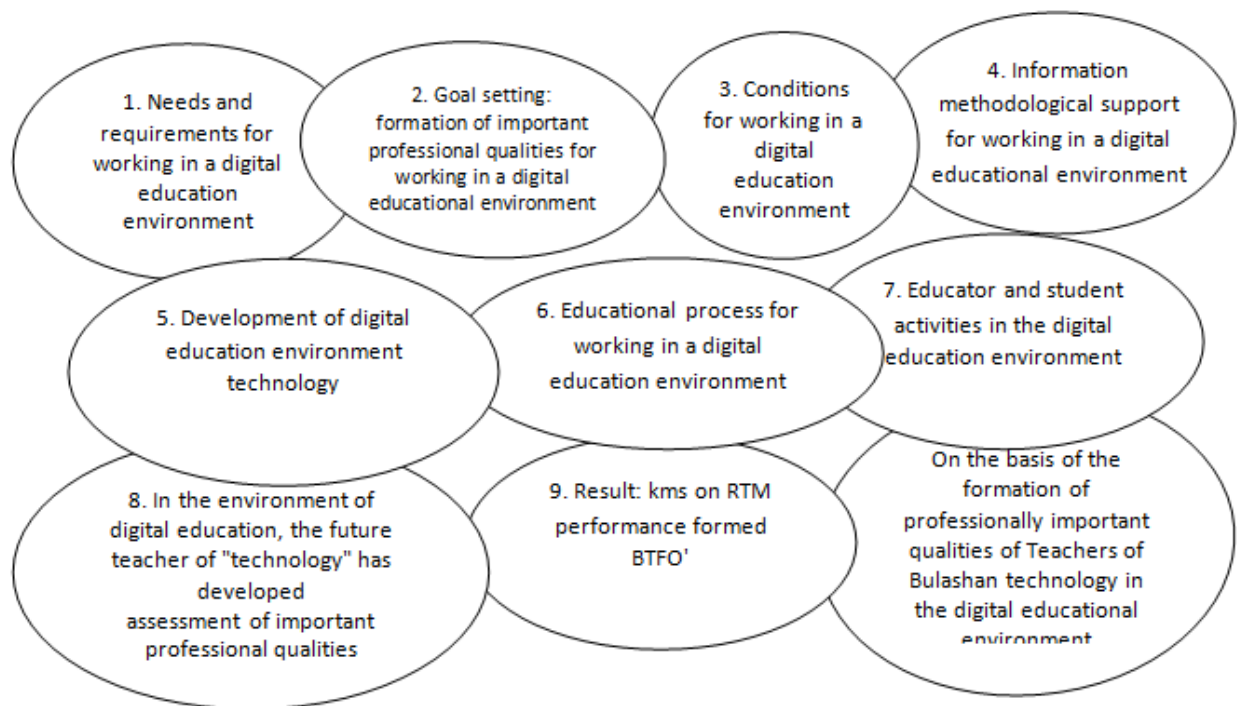
The future pedagogical formation is carried out in activities that are meaningful, grounded, subjective and have objective acumen.

G.Bessonova notes that a future professional can become a professional when he is able to carry out professional activities in the educational process [12].

D.DUI, I.S.Konsa, A.A.Leontev and H.In Rubinstein pedagogical studies, activity is scientifically based on the fact that an individual is socially active, focused on achieving a goal. [13,14,15,16].

As a result of the social activity of the future teacher of the subject "technology" in the implementation of his professional activities, personal qualities are formed in him.

Therefore, through the activities of the student, which he carries out using digital educational technology, both educational and extracurricular, the qualities of work in the digital educational environment are formed and developed in him. As a result of our research and research work, we have developed stages of formation of important professional qualities in the educational environment of digitization of the future teacher of the subject "technology".



The implementation of these stages is mainly based on a professional-activity approach, and professionally important qualities are formed in the future teacher of the subject "technology", which are required on the basis of a competency approach.

Mutual actions between the student and the teacher are carried out within the framework of educational and extracurricular activities. It is worth noting that in the digitization educational environment, digital technologies allow the effective use of resources to bring the educational process to a higher level. In this case, professionally important qualities in the student are formed through self-development through independent activities. The effect of applying a professionally active approach is D. It is based on the following principles adapted to the digital educational environment of Duin.

- Taking into account the interest of educators. (continuous use of social educational networks).
- Learning through movement
- Learning and learning through learning qiyniks
- Creative, creative, working in activity and cooperation, creative approach to solving professional issues using information communication technologies.
- A professionally active approach is inextricably linked not only with the intellectual, creative and personal development of education, but also with the formation of professionally important qualities of teachers of the future discipline "Technology" in the digitization educational environment. A professional approach in the preparation of future educators in the direction of "technological education" provides for the fulfillment of students related to knowledge, skills and qualifications, which are also established in the qualification requirements of the call. Digitalization of the future teacher of the subject of "technology" on the basis of a professionally active approach the effectiveness of the formation of skills for working in an educational environment depends on the digitization of the educational process and the development of Information Communication Technologies with a clearly planned content.



- The future teacher of the subject "technology" was based on the types of professional activities, educational and regulatory documents and qualification requirements in determining important professional qualities.
- The following main advantages of the teacher of the future subject "technology" in the formation of important professional qualities in the digitization educational environment were manifested:
- The future subject "technology" will be taught to work with students in the digital educational environment of the teacher.
- Digitization develops itself in an educational environment.
- It is effectively used in the educational process in digital educational resources.

Thus, component and activity approaches digitalization in higher education institutions make it possible to organize the educational process in a goal-oriented way in an educational environment.

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