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## **Development of Information and Didactic Supply of Development of Distance Training of Leaders and Teachers of the Professional Education System**

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### **Abstract:**

This article describes the process of distance learning of leaders and teachers of the professional education system, improving the quality and effectiveness of distance learning, organization of educational processes on the basis of a unified approach, improving the content of e-learning courses and curricula, creating modern teaching aids, advanced education issues such as the introduction of technology.

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As an objective consequence of the process of informatization of society and education, and combining the best aspects of other forms, the system of distance education has entered the XXI century as a promising, advanced, highly effective teaching system of education. Distance learning is different from other types of education, and its effectiveness depends in many respects on the knowledge, organizational and managerial characteristics of the teacher. Psychological characteristics of the teacher, such as attention, memory, will, emotions, breadth of thinking, are also important, and require the ability to receive learners from a distance.

Today's era of globalization requires professional education teachers to quickly and effectively adapt to new conditions, to accelerate the acquisition of new knowledge, that is, to meet modern

requirements.

Analyzing the scientific and pedagogical literature, the term "Distance Learning Technology" is defined as follows: distance learning technologies are based on the use of information and telecommunication technologies, the interaction of listeners and teachers, as well as the use of modern information and telecommunications technologies. is understood as a set of methods and tools for managing learning processes that enable distance learning.

The term "ICT competence" should be introduced as part of the concept of distance learning support. Based on the analysis of psychological and pedagogical literature, the effective implementation of pedagogical, scientific and professional activities using certain components, as well as information and communication technologies, formed in the process of training, advanced training and self-study of ICT competence of managers and teachers in the field of informatics and information and communication technologies as an ability. The ICT competence of leaders and educators has its own characteristics and differs from the similar competencies of any person - a member of the information society.

The distance learning system is based on computer and telecommunication technologies and is the best traditional and innovative methods, tools and educational system in the field of education. The basis of this education system is the goal-oriented and intensively self-directed independent activity of the learner. In this case, the student will have the opportunity to study at a convenient place and time on the basis of an individual lesson schedule, with the agreement with the teacher. Distance education is a goal-oriented interactive process, and distance is not important. The educational process is carried out in a special psychological and pedagogical system. The elements of this system are: scientific-methodological, economic-financial, legal-normative and features of goals, methods and means of education.

Integrating information and pedagogical technologies in the process of professional development leads to an increase in the effectiveness of this process, the ability of students to use educational technologies and their targeted and effective use in postgraduate activities. The effectiveness of the training process will depend on the requirements placed on them. If such conditions are created in all educational institutions, as a result, the motivation to constantly improve the professional skills of teachers will increase through the integration of the process of professional development and certification of teachers and the assignment of qualifications to them. In the preparation of training and certification on the basis of accumulative units, the duplication of exactly the same activity is avoided, excess time is reduced and economic savings are achieved.

In carrying out the above task, diversification of the system of in-service training, the tasks of the state and society in the field of in-service training to achieve based on the proposals and needs of customers and managers, teachers and specialists, to develop the professional competence of teachers, they increase motivation, strengthen the role of monitoring in activities, keep teachers in a constantly competitive position, ensure the quality of the educational process in educational institutions and ensure cost-effectiveness. After the training process, the staff will be monitored and evaluated in order to assess their potential.

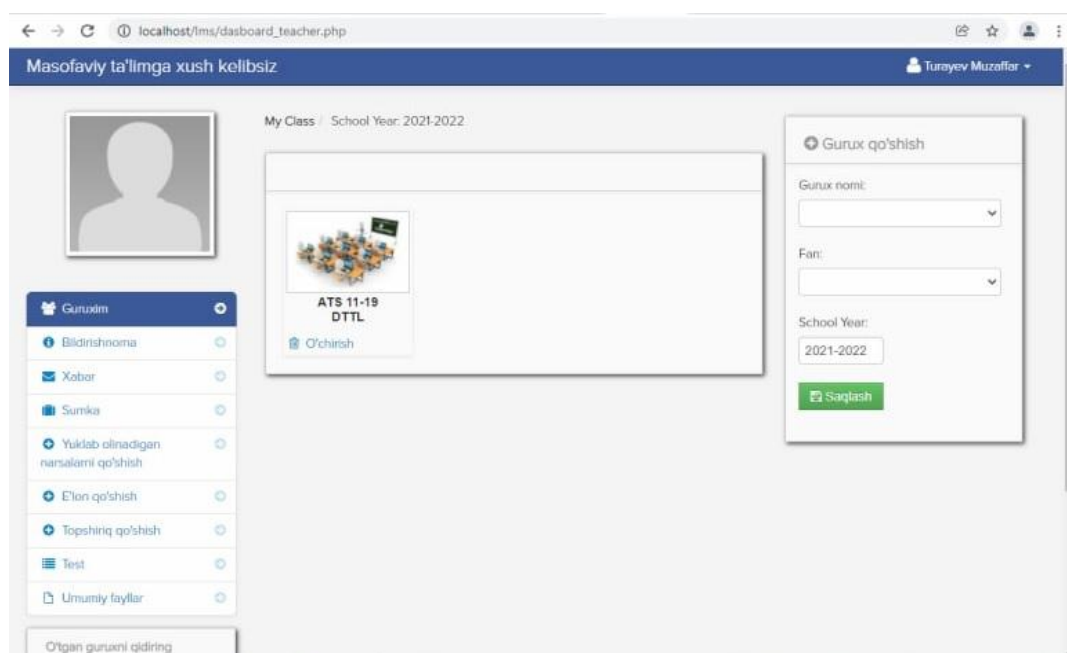
During the research he was the head of the professional education system at the Institute of Pedagogical Innovations, Management of Vocational Education and Retraining and Advanced Training of Teachers and an information system for distance learning of teachers has been developed. Below is the registration of this information system development, technology, trainees and training

courses placement of training course materials, distance learning. we will briefly dwell on the process of checking and controlling the knowledge of the audience.



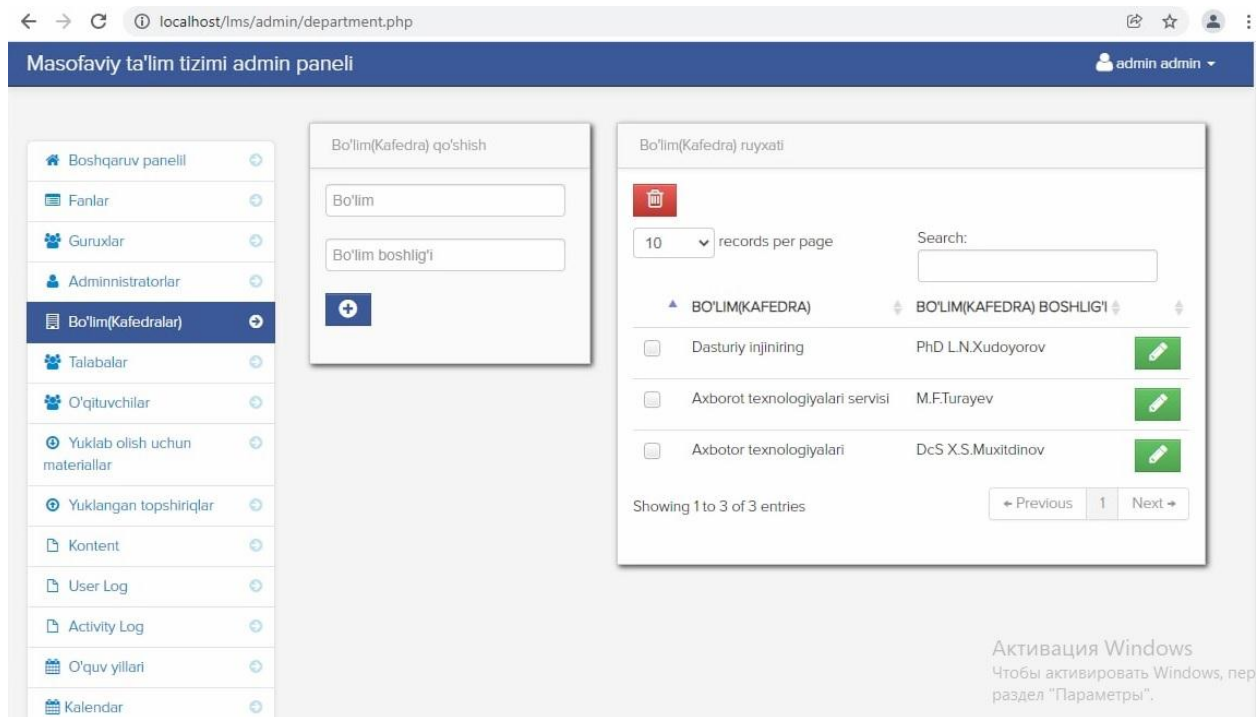
*Pic. 1. The main interface of the distance education system.*

The main window of the information system. In this window, the teacher or listener is registered. An ID number is assigned and registered by the Administrator for each listener and teacher.



*Pic. 2. Bringing listeners into study groups.*

Once logged in, listeners are assigned to specific groups. Materials, assignments, assessment criteria for the training module are developed and posted by the head of the training course.



*Pic. 3. Window for attaching teaching materials and teachers to the system.*

During the course, each trainee has the opportunity to view and follow the report on the results of mastering during the course. A deadline has been set for each subject to complete and upload tasks. This encourages each listener to be responsible and complete the assignments on time.

In short, in distance learning to make the information presented in the training materials in the form of information and maintain their coherence and consistency, to achieve the expression of training materials in the form of interconnected module blocks, to use a comprehensive approach to learning materials research and more problem-based and software education methods should be used. In our research, various methods of professional development of leaders and teachers of the professional education system using distance learning technologies, including information, didactic support for the implementation of lectures, practical, independent training and research work have been developed. It was argued that the use of ICT in distance learning for listeners is appropriate.

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