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PROFESSIONAL STUDIES BASED ON PROGRAMS THE IMPORTANCE OF PREPARATION FOR ACTION

Special emphasis is placed on the widespread use of software-based pedagogical approaches in improving the quality and effectiveness of education in the world and supporting student learning.

Currently, the best universities in the world are very important for the effective organization of educational processes and the formation of professional skills of students, using the capabilities of systematic, applied and hardware software.

The education and upbringing system developed over the centuries reflects rich traditions in the development of a person with a high level of consciousness, thinking, worldview, moral qualities and life experience. It is based on these rich traditions of pedagogy at various stages of human development. However, the existing pedagogical traditions are not static, and the changes that occur in the social realm are dynamically and dialectically enriched by the progress made. This, in turn, will lead to new trends in pedagogical processes, activities and research[2].

Organize the educational process in our country on the basis of modern requirementsIn particular, special attention is paid to training highly qualified specialists, including the introduction of information and communication technologies in higher education.

The strategy for further development of the Republic of Uzbekistan has been identified as an important priority "to further improve the system of continuous education, enhance the availability of quality education services, and continue the policy of training highly qualified personnel in line with the modern labor market needs." In this regard, it is necessary to improve the methodology of preparing future teachers for project-based and research-based vocational training on the basis of methodological approaches, and to develop professional competence in developing methods for assessing teacher-quality and level of readiness for professional activities[1].

Academics AA Abdukadirov, U.Sh. Begimkulov, F.Zakirova, J.A.Khamidov, O.Turakulov conducted research on the use of computer technologies in the educational process. Problems of effective use of information technologies in higher education system are studied in the scientific works of foreign scientists E.Backer, M.Ahmed, M.Camacho, N.Rizk, D. Wallace[3].

Prospective teachers should be aware of the following as they learn software:

• Analyze and allocate classroom teaching software to future teachers;

• Improvement of didactic provision of teaching of students in the field of pedagogical education based on the integration of mathematical, natural, scientific, general and professional subjects;

• Development of the model of methodological system of preparation of future teachers for professional activity;

• Students using an innovative programming language environment indicators of the development of professional competence and it is desirable to determine the criteria, mathematical and statistical processing of the results, and to make conclusions based on them [3].

The scientific-theoretical, scientific-methodological bases of perfection of methods of preparation of students of pedagogical education on professional activity on the basis of software are reflected on the essence of the reforms carried out in the country in the field of education, based on verses.

Methods of teaching future teachers theoretical and practical teaching of theoretical and practical disciplines, such as lectures, laboratory work, demonstration experiments, problem solving, control, consultation, independent work using teaching tools implementation[4].

The learning process is structured into lectures, practical and laboratory work, independent learning, and control tasks. Effective organization of these types of courses puts a number of tasks on the teacher. Because today's educator must organize lessons with modern information technology. It would be advisable to use the following forms and tools:

✓ the use of pedagogical software tools, such as multimedia lectures, e-books, e-libraries, e-lectures, open-source resources and educational sites, mainly because the teacher is active in lectures.

✓ practical exercises, problem solving, events and processesmathematical modeling, mathematical modelingto use software packages and programming languages;

✓ use virtual labs, animations, interactive models in the classroom;

✓ independent educational and pedagogical programs in the clubthe ability to use Microsoft Office programs together with tools, mathematical software packages (Matlab, Matchad, Maple, Math), programming languages;

✓ Use of Power Point, Prezi, CourseLab programs during the workshop sessions

✓ and test-based pedagogical software toolsUsing (iSpring.Suite, MyTest)

Electronic calendar, electronic diary, e-learning and e-lesson analysis software have been developed and tested to improve the methodology of preparing students for pedagogical education based on software [5].

At the end of the course, students need to control their knowledge. The form of control may be: polling; writing work; test; creating and solving crosswords; writing reviews for scientific articles; Writing an abstract.

In accordance with modern requirements, training of highly qualified personnel and implementation of training based on pedagogical and information technologies plays an important role in improving the quality and effectiveness of education. They plan and implement the learning process to ensure that they achieve their goals. Students are affected by visual materials. The percentage of successful training depends on the design, organization and implementation of the learning process.

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