

## REVIEW

of a foreign scientific consultant on the dissertation work «Training of future primary school teachers to design of informational and educational sphere of learners» by Zhanar Shorayevna Zhiyasheva, who was awarded the degree «Doctor of Philosophy» (PhD) in the specialty 6D010200 – «Pedagogy and methodology of primary education»

### **1. The importance and relevance of the research.**

In the current conditions of the development of the education system in the Republic of Kazakhstan, the decision-making necessary for the development of the quality of education directly depends on the scientific and technological knowledge of this process.

The importance of scientific knowledge of the laws of introducing modern requirements and technologies of education into the learning process is increasing every day. It is important for a young specialist who has graduated from a higher educational institution to master the methods and methods of optimal overcoming of many obstacles that arise in the educational process through research at the university and know how to improve them when going to school.

The ideology of training primary school teachers presupposes the formation of a creative attitude of future specialists to their work, the search for new forms of teaching using information and communication technologies, the formation of skills of scientific conduct of pedagogical design of their information and educational sphere.

Among the main goals of educational organizations that train future specialists is to have a high professional level, be able to withstand competition in the labor market, have developed competencies that meet modern requirements in the field of education and training, have high responsibility, are well acquainted with the directions of development of information and communication technologies, be able to set requirements for their profession at the level of high world standards, always strive for professional growth, are ready to use the link between pedagogy and synergy in teaching activities, an important place is occupied by the goals that should be able to model information and educational resources.

One of the most important conditions for the training of a future specialist at a high professional level is the high - quality creation of an information and educational sphere in higher educational institutions and the skills of each student a future specialist in the creation of an informational and educational sphere.

This means that the task is to create an informational and educational sphere in every higher education institution that trains a future primary school teacher. At the same time, it is necessary to solve the task of pedagogical design of the informational and educational sphere necessary for each future specialist in his profession.

At all levels of Kazakhstan's education system, at the present stage, the need for the use of distance learning technologies in order to create an independent orientation



in the flow of educational information and, as a result, to achieve effective education is determined.

Zhiyasheva Zh.Sh. dissertation on the topic «Training of future primary school teachers to design of informational and educational sphere of learners» is devoted to a topical issue in the training of specialists.

## **2. The reliability and validity levels of the theoretical and practical results.**

In the course of the dissertation work, the applicant Zhiyasheva Zh.Sh. achieved the following scientific results:

1. The theoretical and methodological foundations of training future primary school teachers for designing the information and educational sphere of learners is determined;

2. A methodological system for preparing future primary school teachers to design the information educational sphere of learners has been developed;

3. A structural and content model of training future primary school teachers to design the informational and educational sphere of learners has been developed;

4. Developed a methodology for training future primary school teachers to design the informational and educational sphere, conducted a pedagogical experiment and proved its effectiveness, and gave scientific and methodological recommendations;

## **3. The scientific and practical importance of the results**

The theoretical and methodological foundations of pedagogical design to the informational and educational sphere of the future learners are identified.

A methodical system of training future primary school teachers to design the information educational sphere of learners has been developed;

A structural and content model of training future primary school teachers for designing the informational and educational sphere of learners has been developed, criteria and indicators, levels are determined;

An elective course "Fundamentals of designing an informational and educational sphere" has been developed, the effectiveness of which has been tested in practice;

A methodological guide "designing an informational and educational sphere in primary classes" has been prepared;

The results obtained during the dissertation research and the specific scientific and methodological recommendations are developed, the research materials can be used at the senior level of secondary schools, gymnasiums and lyceums, in the practice of colleges, in higher pedagogical educational institutions, in the system of advanced training and retraining of teaching staff.



#### 4. Shortcomings in the content and design of the dissertation

Assessing the above-mentioned theoretical and practical value of the dissertation, we note that there are also some shortcomings in the content and design of the work.

In the determinant experiment, conducting a survey of teachers and school teachers would have an impact on identifying the problem and effectively conducting the experiment.

The dissertation contains partial technical errors.

However, these shortcomings do not reduce the general theoretical and practical value of the work, they can be taken as recommendations.

#### 5. Compliance with general standards of a PhD dissertation.

Training of the future primary school teachers to designing the informational and educational sphere of the learners the dissertation work is provided by the scientific and pedagogical bases of research, the differentiated application of pedagogical technologies considered in accordance with the subject of research, the plan of experimental work, the application of mathematical and statistical methods of initial and final results obtained in accordance with the objectives of the research, the introduction of a special course in the practice of the university with the verification of the identified content facts and educational and research activities.

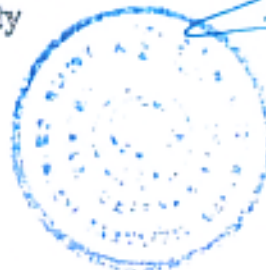
#### 6. Dissertation approved (not approved) for defense.

I believe that the dissertation work «Training of future primary school teachers to design of informational and educational sphere of learners», submitted by Zhiyasheva Zhanar Shorayevna for the degree of «Doctor of Philosophy» (PhD) in the specialty 6D010200 – «Pedagogy and methodology of primary education», is an independent work, completed, written in accordance with the requirements for dissertations.

Noting the theoretical and practical value of the dissertation work, I recommend that Zhiyasheva Zhanar Shorayevna's work on the topic «Training of future primary school teachers to design of informational and educational sphere of learners» be defended at the dissertation Council of Abai Kazakh National Pedagogical University in the specialty 6D010200 – «Pedagogy and methodology of primary education» for the award of the degree of Doctor of Philosophy (PhD).

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