



THE DIDACTIC POSSIBILITIES OF THE INFORMATION EDUCATIONAL ENVIRONMENT IN PRACTICE

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Abstract:

This article aims to present information about the didactic possibilities of using the information educational environment in teaching professional education subjects when preparing coaches-teachers in national sports for professional activities.

Keywords: National sports, coaches-teachers, information educational environment, professional activity, information support, future specialists.

Introduction

It is well known that using the information educational environment in practice requires a specific innovative approach in preparing future specialists for professional activities. In fulfilling this requirement, it is of significant didactic importance to thoroughly prepare the educational-methodological information support of the subject being studied. In this case, first, the professor-teacher must have a deep knowledge of their subject; second, their information culture must be high; and third, they must be creative. As a result, the teacher can demonstrate dedication and creativity in creating the information educational environment for teaching specific subjects and in utilizing them in practice.

Our research findings on the information educational environment, its formation, and the opportunities for its use in practice, as well as their didactic foundations, allowed us to express the organizational-structural aspect of using the information educational environment in preparing future specialists in educational institutions, as shown in Figure 1 [1-4].

The didactic possibilities depicted in the figure require the development of the following independent, specialized support systems and computer systems for use in teaching specific subjects. These systems will guarantee finding the optimal solution to the given problem: software, technical, legal, informational, organizational, mathematical, and linguistic support of the information educational environment; educational systems; advisory systems; information retrieval systems; expert systems; systems for assessing and monitoring the knowledge of learners, and similar systems. The "State Policy on Preparing Coaches-Teachers in National Sports" block in the



figure will include the "Law on Education" and normative-legal documents related to the development, improvement, and enhancement of the content and quality of education.

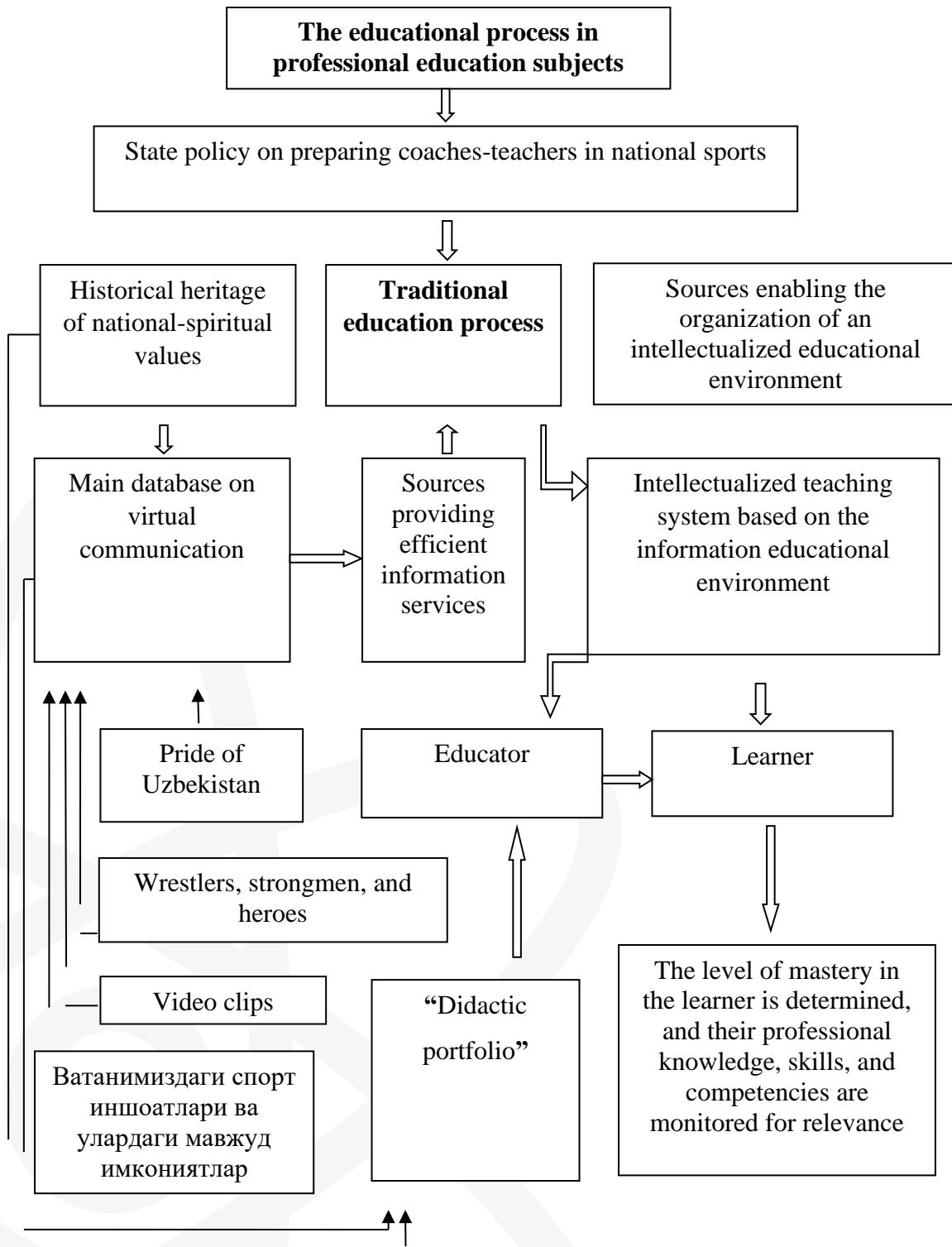


Figure 1. The organizational-structural aspect of using the information educational environment in teaching professional education subjects.



The block titled "Historical Heritage of National-Spiritual Values" will include materials related to national-spiritual wealth, particularly the history of national sports.

The block titled "Sources Enabling the Organization of an Intellectualized Educational Environment" will include electronic textbooks, electronic study guides, electronic lecture texts, expert systems, modeled programs, the educational informatization system, computerization of education, intellectual books, intellectual systems, and similar resources.

The block titled "Sources Providing Efficient Information Services" includes modern methods of information services. These are: fax transmission of information; email; distance education; the internet; computerized teleconferences; other types of services in the global information system; virtual libraries, and similar resources.

The block titled "Main Database on Virtual Communication" will contain the following types of databases: a database on athletes who have been awarded the title of "Pride of Uzbekistan" in the field of sports; a database based on video clips promoting national sports; databases on wrestlers, strongmen, and heroes; databases on sports facilities in our country and the available opportunities within them.

The block titled "Didactic Portfolio" will include additional texts, test questions, criteria, and materials related to principles, which are added to the content of the subject in order to implement the motivational components of the educational process.

If the professor-teacher successfully utilizes these noted didactic possibilities in the educational process, they will have also implemented innovative education. The reason for this is that, in the traditional teaching process, the learner acquires information about the subject (topic) from the educational database (textbooks, study guides, and other educational literature) with the teacher's participation and assistance. In an information educational environment, however, the learner will be able to obtain the necessary information directly in some cases, or indirectly, with the help of the teacher, using modern information technology tools.

In conclusion, it can be emphasized that creating an information educational environment in the teaching process and using multimedia tools improves the quality of learners' mastery of subjects (topics), and naturally, it creates broad opportunities for achieving higher efficiency in education. Such an educational system can also serve as a significant didactic foundation for achieving the following educational advantages:



- Improves the quality of education;
- Facilitates education by making it more convenient;
- Increases the level of knowledge of learners;
- Ensures the growth of the intellectual potential of education;
- Ensures the integration of national education into the global education system.

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