



## DEVELOPMENT OF THE INFORMATION SUPPLY SYSTEM FOR THE PREPARATION OF FUTURE SPECIALISTS FOR PROFESSIONAL ACTIVITY

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### **Abstract:**

This article deals with the solution problems of creating system of informational supply in professional activity of teachers – instructors.

**Key words:** Informational, future specialists, professional activity, kinds of national sport, teachers – instructors, informational – technology, informational – methodical supply, information technologies in teaching, innovative algorithm, teaching – didactic complex.

### **Introduction**

In today's information society, preparing future experts for professional activities by making them spiritually mature, physically strong and intellectually capable, with the help of effective methods and tools, to systematically inculcate in their minds and hearts human feelings and qualities related to the education of a well-rounded generation, our national-spiritual heritage that has come down to us from our ancestors organization on the basis of enrichment in harmony with the achievements of modern development and their importance in personal development is one of the most urgent and promising problems.

This article considers the issue of developing an information supply system for training future specialists for professional activities.

The effective solution of such problems is related to equipping all educational institutions with modern information and communication technologies and being able to use them, because educational informatization ensures the success of the process of informatization of society. This is directly related to the training of national sports coaches-teachers for professional activities using national values. This is because, firstly, the database of national values is comprehensive and large. The teacher does not always keep this in mind, secondly, the formation of knowledge, skills and qualifications that should be formed in future specialists and their assessment, the informational-educational-methodical complex cannot be perfectly developed without information-communication technologies, thirdly, the educational-didactic





complex is based on modern educational methods and technologies. the need for the participation of information and communication technology in the development based on effective use, fourthly, modern requirements for the formation of an intellectualized knowledge bank and their use for the introduction of innovative educational methods, fifthly, the development of excellent informational support for the training of modern competitive trainers-teachers in an informational educational environment and its wide use in the preparation of future specialists for professional activities are the requirements of the level of development of society.

Therefore, the informatization of education is of great importance in the preparation of trainers for professional activities. Based on this, informationization of the process of training coaches-teachers in national sports for professional activities using national values in an informational educational environment can be expressed as follows.

The results of our research in this field allowed us to draw the conclusion that it is possible to organize information technologies and use them in practice to improve professional education. that is, information technology is a dynamic process that collects data from the existing research object, organizes them in accordance with the research goals and tasks, and brings them into the form of information, providing the optimal option for using them in improving the informational-methodical support of preparing future specialists for professional activities, ensuring the systematic functioning of software, organizational and educational-methodical support understood [1-5].

As can be seen from this definition, the main resource of information technology is information and information systems. About the role of information in information technologies, it can be noted that information is created as a result of the consumption of prepared information, and it is an expression of the process of information exchange based on interaction between any real or virtual objects.

Such a complex solution to the problem, in turn, is inextricably linked with finding solutions to the following issues: determining research goals and objectives and collecting relevant data from the research object; selection of research methods and adaptation of their relevant parts to the solution of research tasks; to divide the collected data (here, the data on national values of national sports) into systems and make them look like information in accordance with research goals and methods; intellectualization of methods and technologies of teaching on the problem under consideration; developing a methodology for organizing integrated training by developing a mechanism for inculcating national values of national sports into the educational content; development of the principle of increasing the effectiveness of



educational material from the point of view of the problem under consideration; to ensure the optimality and communicativeness of the prepared and used didactic tools and to monitor their practicality throughout the study; to provide learners with effective use of educational programs, "Didactic portfolio" materials and "educational-didactic complex" materials in databases for independent reading; to achieve improvement of the practical-methodical provision of training of future specialists for professional activity using national values in an informational educational environment; development of scientific-methodical recommendations to raise the professional-creative abilities of future specialists to a higher level, taking into account the solution of the problem. In order to find a solution to the above-mentioned problems, there is a problem of collecting, remembering, analyzing and transferring a large amount of information from the researcher, from the teacher who leads the process of preparing the future specialists for professional activities, and from the learner in their assimilation. And these records cannot be done simultaneously by the researcher, the teacher, and of course the learner, because these records require the collection, analysis and processing of a large amount of data. The reason for this is that neither the researcher's nor the teacher's intellectual potential, organizational and pedagogical skills are the same. Experiments show that the effective use of the achievements of science, technology and technology in solving such wide-ranging problems gives positive pedagogical results, and the use of information and communication technologies guarantees the achievement of such pedagogical results. At the same time, with the help of information and communication technologies, it is possible to achieve the emergence of educational and informational integration between the teacher, the learner and information technology tools. Modern computers participating in this process are useful in storing, processing and transferring collected data to the necessary resources, and they are a universal didactic tool in organizing and managing the educational process. By this, it is possible to create an informative educational environment of the teaching process. It is possible to develop an optimal option for forming the active cognitive activity of the learner in the studied subject from the informational educational environment that allows effective use in such practical activities.

Taking into account such opportunities, in order to improve the scientific-methodological support of training national sports trainers for professional activities using national values in an informational educational environment, in order to develop an information supply system for him, we collected information on national values in national sports, adapting them to research goals and tasks. we paid attention





to distinguishing the systems and developing the mechanisms of their integration into the educational content, and we managed to form a database suitable for them. According to the results of the research, it is advisable to create databases through the following sequence:

1. Databases on the formation of national sports.
2. National sports development databases.
3. Databases related to the development of national sports in our country:

- 1) On the organization of continuous sports competitions;
- 2) To ensure coverage and popularity of national sports;
- 3) on sports events held on public holidays;
- 4) on sports events dedicated to great dates, rare manuscripts, famous years and births of scholars;
- 5) On national sports in the continuing education system.
4. Databases on the educational value of national sports.
5. Databases on the importance of national sports in developing unique qualities in young people.
6. Databases on the social and educational significance of national sports.
7. Databases on the further improvement of their spiritual maturity in the training of national sports coaches.

If we pay attention to these mentioned databases, the process of their formation is based on a hierarchical sequence and can be used from the initial stage of the process of training future coaches-teachers for professional activity to the end of the educational process at the Olympic Reserve College.

So, the databases were ready as a preliminary basis for the development of an information system for professional training of national sports coaches, and in this process, it provides an opportunity to solve the following actions with data:

- large-scale and extensive data processing (coding, transfer of quantitative and qualitative data to the same accounting system, etc.);
- to present the processed data in the form of information suitable for research goals and tasks and convenient for use;
- to develop a text processing algorithm and, on this basis, to develop a mechanism for using materials related to national values in work activities in an informational educational environment (an algorithm for embedding information related to national values into the educational content);
- standardization of the prepared data and their transmission to the necessary sources in the form of information, etc.

The task





now is to develop an informational support system for training coaches-teachers in national sports for professional activities using national values. For this purpose, special algorithms, objective functions, electronic encyclopedia and informational educational-didactic complexes were prepared for finding a solution to this problem. Therefore, the noted information supply creates wide opportunities for the practical implementation of innovative methods and technologies for the effective use of advanced technologies, forms, tools and methods of education in preparing future specialists for professional activities.

In conclusion, it can be noted that this scientific-practical development provides optimal ways to solve the following tasks:

- collecting, processing and transferring information about the pedagogical process to the necessary sources;
- to regularly collect periodic information about the progress of the pedagogical process and conduct intermediate controls based on them;
- real-time responses to voluntary current inquiries while the computerized system is operational, and the ability to make necessary adjustments to the administration and training management, etc.

The technology of creating this information supply system has a universal character, and it can be effectively used to prepare future specialists in other fields for professional activity.

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