Methods of Forming Informational Culture Students
Altynbek Moshkalov

Abstract—Along with the basic features of students' culture information, with its widely usage oriented on implementation of the new information technologies in educational process that determines the search for ways of pointing to the similarity of interdisciplinary connections content, aims and objectives of the study. In this regard, the article questions about students' information culture, and also presented information about the aims and objectives of the information culture process among students. In the formation of a professional interest in relevant information, which is an opportunity to assist in informing the professional activities of the essence of effective use of interactive methods and innovative technologies in the learning process. The result of the experiment proves the effectiveness of the information culture process of students in training the system of higher education based on the credit technology. The main purpose of this paper is a comprehensive review of students' information culture.

Keywords—Information culture, methods of information culture of students, educational system of the credit technology, distance learning, information of interest, information and communication technologies and tools.

I. INTRODUCTION

SOCIO-political and economic development of Kazakhstan requires updating higher education and training of highly qualified specialists, the demand in the labor market. Improvement of the quality of education, defines one of the basic indicators of the development of society, namely, the transition to a phase of development. To date, the effective use of information has identified the progress of scientific and technical development of humanity, the economy, politics, became a defining force behind the development of the information society. Today there is a wide education process, introduction of new information technologies, the main features of the development of information culture of the students, its applications, finding similarities of interdisciplinary relations is accurate by defining content, goals and objectives of the training.

One of the objectives of higher education - is formation has an information culture, using new information technologies in the educational system. After getting the information education of each student must be able to freely use and be able to analyze the information, since in the process of formation of the correct use of information is the basis for the development of education.

During the educational process is increased intellectual activity of the participants.

II. RESEARCH TOPIC

"Information culture" is a part of the general culture of the ability to use educational skills and rules in the field of information management, fluent in the information world, locates the necessary for a free data (documents) [1].

Authors of tutorials (T.A. Kudrin, N.B. Zinoviev, V. Minkin) regard information human culture in education, in values, in trust, in the direction of defining a common set of utility: since the formation of the information culture is reflected in his daily life, in the family, in the process of studying and working, self-directed learning based on knowledge gained from the media [2].

Computer technologies in education and the use of technology, basic scientists engaged in the pedagogical-psychological issues in education: I.I. Antipov, Ye.Bidaybekov, J.A. Karaev, A.A. Kuznetsov, E.I., Kuznetsov I.V., Robert, G.K. Nurgaliyeva, V.V., Ershov, M. Grinushkin and others, in his writings indicate the use of information technology in practice in secondary and higher educational institutions, the management of cognitive activity, content of objects and their methods, means, modes of learning and monitoring of results on the basis of new didactic environment. The new structure; need to organize, search, and specify the activity results of the pedagogical-psychological description.

Key issues associated with the use of computer technology in education, effective solutions to problems of information education, the formation of the information culture is widely considered such teachers as scholars: S. Papert, V. Laudis, G.I. Datsyuk, I. Robert J.A. Karaev, S.M., Kenesbaev, K. Tulsavosa, D. Dzusubalieva, K.Z. Khalikova.


The aim of the study is to define the ways of formation of information culture in the process of training university students [3].
III. MATH

With a view to identifying ways of forming of the information culture in the process of training university student’s survey was conducted. In the survey participated of 287 students.

Studies have shown that the experiment had been hampered by students in jobs associated with the formation of the information culture student. As a result of surveying 287 students revealed that, on average, higher level of information culture meet only 10 per cent-lower level-60% (50% in the experimental group, 40% in the control group) (Table I).

TABLE I
THE LEVEL ASSIGNMENTS STUDENTS ASSOCIATED WITH FORMATION OF INFORMATIONAL CULTURE (THE EXPERIMENT)

<table>
<thead>
<tr>
<th>Nr</th>
<th>Groups</th>
<th>Of students</th>
<th>Highest (%)</th>
<th>Average (%)</th>
<th>Low (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Experimental Group</td>
<td>147</td>
<td>10</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>Control group</td>
<td>140</td>
<td>12</td>
<td>38</td>
<td>40</td>
</tr>
</tbody>
</table>

Experimental results indicate that much difference between the experimental and control performance groups.

Based on the results of studies in the site "contents" section of this article, work was done on the development of the above data. Followed by a second questionnaire and found the following results (Table II).

TABLE II
LEVELS OF JOBS ASSOCIATED WITH THE FORMATION OF THE INFORMATION CULTURE AFTER THE EXPERIMENT WITH STUDENTS

<table>
<thead>
<tr>
<th>Nr</th>
<th>Groups</th>
<th>Of students</th>
<th>Highest (%)</th>
<th>Average (%)</th>
<th>Low (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Experimental Group</td>
<td>147</td>
<td>31</td>
<td>49</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Control group</td>
<td>140</td>
<td>20</td>
<td>50</td>
<td>30</td>
</tr>
</tbody>
</table>

According to the results of the study progress levels of jobs associated with the formation of the information culture. A statistical analysis of studies to determine the entity results.

Important mathematical-statistical method of study which aims to determine the effectiveness of an experienced pilot.

In view of the need to process the results, regular statistical methods research was selected – Chi-square method. The above method has been used to verify the similarity classification empirical functions. The conditions for determining the precise, balanced, the possible values of the hypothetical methods. To determine the average or standard use of anomalies is not Chi-square method measurement is required. Its advantage is that it is enough to know only two frequencies Division made the results of variability. This statistical method designed to handle high-quality information [4].

So, to handle the latest research and experiment determination of aggregation method was used Chi-square. This criterion refers to the exposure of electoral change in some cases.
process, its capabilities and use take into account routine methods); 
- allows you to understand and organize the work of students, using new information technologies; 
- allows you to manage knowledge and professional development by using new information technologies.

In teaching undergraduate course cultural blog, didactic principles, takes into account the close relationship between the training materials and training content. Purpose of this course is to study the formation of the information culture in the minds of the students' findings. Based on the methods and experience of information culture of students through the use of information technologies in the system of credit education in foreign and domestic high schools:
- Realization of tasks to implement the formation of information culture, basic concepts of information resources, the role and importance of the information society;
- However, the ability of students to use information and communication tools, the ability to use information and knowledge professionally oriented refill information;
- To develop students interest professionally meaningful information and effective use of interactive methods and innovative technologies;
- The possibility of the conviction that students under credit system of higher education, and distance learning method using the Internet, students delve into a worldwide network of knowledge through emails and replenish necessary knowledge, finding the right information, using advanced scientific expertise in the fields of science, have access to foreign news.

The study proved that the students effectively information culture is embedded in the credit system of education technology in high schools.

V. CONCLUSION

The purpose of the article is comprehensive information culture of students. In the mentioned the continuous research work will be undertaken to develop communicative competence of students through pedagogical means of information technologies and formation of pedagogical-scientific preparation processes.

REFERENCES


