



## FORMATION OF INFORMATION CULTURE IN FUTURE TEACHERS

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**Abstract.** In this article, it is important for teachers to have digital and informational culture in the modern education system. Because pedagogues should effectively organize education with the help of digital tools and develop students' critical thinking and information sorting skills. Below are the main directions, principles and challenges to cover the topic in a broad way.

**Keywords:** Information culture, interactive learning, professional networks, resources and materials.

Information culture includes not only the skills of searching, processing and critical analysis of information, but also the ability to distribute it responsibly. Information culture also means safe and ethical use of technology. Basic elements of information culture. Formation of information culture in future teachers is one of the important directions of the modern educational process. At a time when information technology has penetrated into all spheres of everyday life, it is necessary for teachers not only to be able to use information effectively, but also to manage it wisely. This is the main factor in providing quality education to students and preparing them for the requirements of the digital era.

Information culture is a person's ability to search, process, analyze and share information. It also includes the skills of critical evaluation of information, adherence to ethical principles, and the rational use of modern technologies in personal and academic activities. Improving digital literacy: Teachers should have the skills to actively use modern technologies and information systems. Innovative organization of the educational process: The teacher uses information technologies to improve teaching methods (for example, interactive lessons, online platforms). Teaching students how to use information: The teacher should form students' critical thinking and responsible approach to information.

1. Information technology courses: It is necessary to include in-depth information technology subjects in the curriculum of universities.

2. Practical trainings: Trainings for future teachers should be conducted to learn how to use various information systems and programs.

3. Use of digital resources: Provision of electronic library, online learning platforms and resources for students and teachers.

4. Seminars and trainings on information culture: These activities help to strengthen knowledge on information security, personal data protection and ethical issues.

5. Participation in innovative projects: Encouraging students to participate in scientific and technical projects, thereby developing their independent research and information management skills.

Teachers with information culture. Able to introduce new technologies in the educational process. Develops students' critical and creative thinking skills. It operates in compliance with the rules of information security and ethics. He constantly improves his knowledge and skills. The following topics and sources can help in writing an article dedicated to the formation of information culture in future teachers. Below is the structure of the article and a list of literature that can be used. Information culture plays an important role in developing the professional activity of future teachers and improving the quality of education. The teacher increases the adaptability of students to the digital era by being able to manage

information correctly and use modern technologies. Therefore, the process of formation of information culture should be continuous and should be continued in harmony with the continuous professional development of teachers. Formation of information culture in future teachers is one of the important tasks. Information culture includes the ability of teachers to correctly receive, analyze, evaluate and effectively use information. Below are the main directions and methods necessary for the formation of information culture in future teachers:

1. Updating educational programs
    - Special courses on information culture: organization of special courses and trainings on information culture for teachers.
    - Interactive learning methods: Using interactive methods in the learning process, such as group discussions, seminars and projects.
  2. Use of information technologies
    - Teaching modern technologies: Teaching teachers how to use modern information technologies, such as online resources, databases and educational platforms.
    - Information security: Providing teachers with information security and personal data protection knowledge.
  3. Development of critical thinking-  
Critical Thinking Training: Conducting specific training to train teachers to think critically, thereby developing information analysis and evaluation skills.
    - Problem situations: Teaching teachers to evaluate information and make decisions through problem situations.
  4. Evaluation of information sources
    - Analyzing sources: Providing teachers with skills in evaluating information sources and determining their reliability.
    - Fact checking: Teaching teachers how to check the accuracy of information.
  5. Information exchange and cooperation
    - Collaborative work: Teaching teachers to exchange information and work collaboratively, thereby sharing experience and knowledge.
    - Professional Networks: Encourage teachers to join professional networks and share experiences.
  6. Self-development
    - Continuous learning: Encourage teachers to continuously acquire new knowledge and self-development.
    - Resources and materials: Providing teachers with useful resources and materials for the development of information culture.
  7. Assessment of information culture
    - Evaluation systems: Development of systems and methodologies for evaluation of information culture of teachers.
    - Analysis of the results: analysis of the level of information culture of teachers and, if necessary, conducting additional training.
- These directions help to form the information culture in future teachers and create the basis for their effective activity in the educational process.

#### **Literature:**

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