Mechanisms for developing it Literacy of Educational Institution Leaders

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Abstract: This article analyzes the modern mechanisms for developing information technology (IT) literacy among educational institution leaders. IT literacy is presented as a crucial competency for leaders of educational institutions. The article discusses professional development programs aimed at improving leadership skills in the digital realm, such as distance learning platforms, mentoring systems, and monitoring and evaluation methodologies. Moreover, it examines the role of state policies and regulatory frameworks in shaping digital competencies for educational leaders, contributing to the overall digital transformation of the education system.

IT literacy, Educational institution leaders, Digital competencies, Professional development programs, Distance learning, Digital management, Mentoring systems, Information security, Digital transformation, Monitoring and evaluation.

The rapid development of digital technologies requires significant transformation in the field of education. In particular, a high level of IT literacy among educational institution leaders is closely tied to the ability to use digital tools effectively, as well as manage educational processes with a technological approach. In modern education, digital literacy has become a strategic resource and must be considered an integral part of leadership competence [1].

IT literacy refers to the competencies required to search, process, analyze, and efficiently use information resources. For leaders, IT literacy is especially important in making informed managerial decisions, initiating digital transformation, and managing teams using digital tools [2].

Mechanisms for Developing IT Literacy

1. Specialized Professional Development Programs. Short- and long-term training courses in IT help leaders gain knowledge in digital security, digital document management, the use of LMS systems in education, and more [3].

2. Distance and Blended Learning Formats. Digital platforms such as Moodle, Coursera, and Zoom provide leaders with flexible opportunities to acquire knowledge at any time and place. This format proved highly effective during the pandemic and continues to be widely used [4].

3. Mentorship and Experience Sharing Systems. Experienced leaders in the IT field act as mentors to their peers, promoting knowledge exchange and strengthening institutional networking.

4. Analytical and Monitoring Systems. The implementation of assessment indicators (e.g., levels of digital transformation, efficiency of digital management tools) provides a basis for regular monitoring. These processes allow for performance comparison and identification of key success factors [5].

5. Development Through State Policy and Regulatory Frameworks. State strategies, presidential decrees, and national ICT policies emphasize the importance of digital literacy among educational leaders. For instance, Uzbekistan's "Digital Uzbekistan – 2030" Strategy outlines key digital competencies required from education system leaders [6].

Conclusion. Developing IT literacy among educational institution leaders is a key factor in the successful digital transformation of the education system. This literacy not only enhances management processes but also contributes to the overall digitalization of the learning environment. Therefore, there is a strong need for systematic approaches and continuous professional development focused on improving digital competencies among educational leaders.

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