

### Carrying Out Legal and Scientific Observations on the Systematization of Monitoring the Activities of Masters in Higher Education Institutions

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#### ABSTRACT

*the article contains valuable information on conducting legal and scientific observations on the systematization of monitoring the activities of masters in higher educational institutions.*

Currently, in higher education institutions, a large amount of information related to graduate students has been collected to a significant level, and various analytical and management tasks can be solved based on them.

In higher education institutions, the electronic system of monitoring the activities of graduate students can be subjected to legal and scientific observations in order to ensure compliance with regulatory documents and ethical standards.

In recent years in our country, in accordance with the Decree of the President of the Republic of Uzbekistan dated January 28, 2022 "On the Development Strategy of New Uzbekistan for 2022-2026" No. PF-60, as well as information - a number of works on the implementation of priority tasks for bringing the field of communication technologies to a new stage are being carried out rapidly. Including in the decision of the President of August 22, 2022 PQ-357 "On measures to bring the field of information and communication technologies to a new stage in 2022-2023", the president of the country is currently actively involved in the field of IT in our country. who set goals and objectives for development work.

This dissertation work is based on the decision of the President of the Republic of Uzbekistan No. PQ-4851 of 06.10.2020 - "On measures to further improve the education system in the field of information technology, develop scientific research and integrate it with the IT industry"

planned according to a number of important orders.

Ideally, analytical and other functions of the system should be organized in such a way that it should have access to any information and be able to work with convenient and simple forms of this information.

### **About system up-to-date**

The electronic system of monitoring the activities of masters is an important tool for higher education institutions and creates many conveniences for students, professors and teachers. By using technology to support student success, institutions can remain competitive and provide high-quality education to students.

### **Important aspects of the monitoring electronic system**

A monitoring system is a technology-based solution designed to continuously monitor and evaluate various aspects of a system, process or environment. The purpose of a monitoring system is to provide insights, identify anomalies, and identify potential problems in real-time. Monitoring systems can be used in a variety of settings, including IT networks, industrial processes, environmental conditions, and more.

The monitoring system has the following important aspects:

- ✓ Accuracy: The electronic system must track and collect data accurately.
- ✓ Reliability: The system must be reliable and consistently provide accurate data.
- ✓ Security: the system must have adequate security measures to protect confidential information.
- ✓ User-friendliness: The system should be user-friendly and easy to use.
- ✓ Integration: the system should integrate easily with other systems and technologies.
- ✓ Scalability: The system must be scalable to meet future growth and changing needs.
- ✓ Reporting: The system should provide clear and detailed reporting capabilities.

Through this research work, it is envisaged to develop a monitoring system of masters in higher education institutions and through this to monitor and evaluate the activities of masters.

### **The role of the monitoring system. In higher education institutions, electronic monitoring systems play a crucial role in:**

- Enhance security on campus by monitoring access to buildings, detecting unauthorized access, and tracking student/faculty movements.
- Simplify administrative tasks such as attendance tracking, grade management, and course scheduling.
- Improve student engagement and academic performance through personalized learning and virtual classrooms.
- Facilitate communication between students, faculty and administrators.
- Ensure effective data collection, analysis and reporting for informed decision making.
- Promote sustainability by reducing paper use and promoting digital resources.

In general, electronic monitoring systems help higher education institutions operate more efficiently, ensure student safety and security, and help develop future-ready students.

There are several scientific observations on the effects of electronic monitoring systems in higher education institutions, including:

- Improve the efficiency and accuracy of assignments: Electronic monitoring systems have been found to improve the accuracy and efficiency of tasks such as attendance tracking, classroom management, and course planning.
- Improved student engagement and academic performance: Studies have shown that the use of electronic monitoring systems can lead to increased student engagement and improved academic performance, especially in personalized learning and virtual classrooms.
- Enhanced safety and security: The use of electronic monitoring systems has been identified to improve the safety and security of higher education institutions by better controlling access to buildings and tracking student/faculty movements.
- Greater Communication and Collaboration: Electronic monitoring systems have been found to facilitate communication and collaboration between students, teachers, and administrators, leading to improved relationships and a more cohesive learning environment.
- Better data collection and analysis: The use of electronic monitoring systems enables more efficient data collection and analysis, leading to better informed decision making and improved institutional performance.

Overall, scientific observations on the impact of electronic monitoring systems in higher education institutions show that they can provide significant benefits, from increased administrative efficiency and student engagement to enhanced security and data analytics.

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