

Annotation: The article presents the essence and advantages of digitalization in the military sphere. Nowadays, digital technologies have rapidly entered all spheres of our lives. In his address to the Oliy Majlis on January 25, 2020, President Shavkat Mirziyoyev spoke about the important priorities of developing digital technologies in our country: “In order to accelerate the further development of science in our country, to educate our youth in deep knowledge, high spirituality and culture, and to form a competitive economy, in 2020 we will continue to increase the level of science, education, and the digital economy.” [1]. New digital technologies are considered the basis of an information society.

Today, along with other systems of society, the Armed Forces system is being gradually digitized. The digitization of the Armed Forces system is being carried out in the following areas:

science and education;
defense industry;
social sphere.

Innovations are a responsible step in the field of digitalization, because at the initial stages it is difficult to calculate the risks that may arise from their implementation. The world is constantly developing and improving, new discoveries are being made, new equipment is being created, so their absence is a major obstacle to the development of any country [2].

Increasing the country's defense potential directly depends on the level of professional training of future personnel. Qualified personnel, research scientists and academics are the basis for increasing the potential of the Armed Forces. Currently, many educational programs are outdated. Cadets and trainees are forced to study certain subjects based on educational materials developed decades ago, which is why there is a need to introduce innovations into the educational process. Such innovations are a guarantee of effective training of the younger generation, future scientists and engineers [3].

The active introduction of innovations in the field of science and education is being carried out using the following methods: The military professional personnel training program itself is being modernized (updated educational and methodological materials, textbooks, additional subjects, subject selection practice); Changes are being made to teaching methods (new methods of presenting information are being introduced, modern technical equipment is being used, special attention is being paid to the individual abilities of cadets and listeners); The system for monitoring educational innovations is being improved (periodic inspections are being conducted to determine the effectiveness of innovations, science Olympiads are being held continuously).

Increasing the defense potential largely depends on the national defense industry. The development of devices that can replace modern foreign equipment and technologies is becoming the most urgent task. Today, in the field of digitization of the material and technical base of the Armed Forces, in particular, the border troops, the defense industry system and the institutions working with it are faced with the following tasks:

- there is technique and technologies modernization to do ;
- edge in the country working being released modern technologies and innovative of devices analogues create ;
- none where there is not been new innovative technologies discovery to be

Defense industry system and with him in cooperation worker institutions by working outgoing new technologies following sectors cover to take being addressed :

Uzbekistan Republic State border guard and protection to do according to and of the day desired on time border troops divisions , parts and additions automatic to manage done increase , and material technician base update .

Armed Forces system centralization and only centralized system through electronic in a way management , documents exchange , Defense Ministry troops daily monitoring activities on the road placed and currently this systems further is being improved ;

Simulators working exit and modernization to do done is being increased ;

Drone flight devices and them determiner devices create also research on take is going ;

The country's defense potential not only his/her other in the countries working issued the most modern weapons with armament , perhaps his/her own national defense industry to the complex has to be also integral with is related .

The reality of our society's development today is that a new economy, a new worldview, and new social relations are emerging. In such a society, production efficiency and economic growth depend not on physical labor or underground natural resources, but on knowledge and intellectual labor.

The main advantages of using innovations. Among the many positive aspects, several important advantages of modern innovations can be distinguished:

1. Thanks to innovations applied in the field of education, the level of self-improvement of cadets and trainees will increase, and the professionalism of specialist personnel will be ensured.
2. The focus on innovation will contribute to the emergence of new scientific discoveries and achievements.
3. The development of new technologies helps to partially eliminate human labor, and the full or partial automation of many processes increases the accuracy of operations and ultimately the quality of the result, in particular, the activities of border troops.
4. The system of high and centralized management will be improved, as ineffective management methods will lose their power, as a result of which the efficiency of managing the daily activities of the troops will be increased.
5. The use of new technologies in educational activities and everyday life, in training sessions, makes the process more efficient.

Conclusion:

The following conclusions can be drawn regarding the role of information technologies in the modern education system, their potential in teaching military subjects, and their practical application in the military sphere:

Firstly, the automation of educational activities is achieved through the introduction of modern information and communication technologies into military education. This serves as a means of integrating theory into practice. It ensures the practicality of training;

Secondly, it has advantages over the traditional method of education, creating convenience for teachers in organizing and conducting the teaching process, increasing the interest of cadets and ensuring their activity during classes with the help of visual and educational materials;

Thirdly, the current use of information technologies in the military sphere is an important factor in increasing the enthusiasm of the younger generation for military service, improving the combat readiness of troops, saving time and material resources, and contributing to the state economy.

References:

111	<p style="text-align: center;">ISSN 2277-3630 (online), Published by International journal of Social Sciences & Interdisciplinary Research., under Volume: 14 Issue: 11 in November-2025 https://www.gejournal.net/index.php/IJSSIR</p> <hr/> <p style="text-align: center;">Copyright (c) 2025 Author (s). This is an open-access article distributed under the terms of Creative Commons Attribution License (CC BY). To view a copy of this license, visit https://creativecommons.org/licenses/by/4.0/</p>
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