

Abstract

In the near future, the new global technological race will result in the introduction of cutting-edge advancements in the military sphere. All of the world's major countries will be involved in this, because any lag from their competitors increases vulnerability, which will be tough to conceal with conventional weaponry. Furthermore, the advent of new technology may result in significant changes in the armed forces' strategy, planning, and organization. That is why Russia is aggressively pursuing the development of Artificial Intelligence and incorporating it into its military strength in order to preserve its military potential and effectively fulfill its national and foreign policy (FP) goals.

The purpose of this research is to provide a complete analysis of the key stages of development and future use of Artificial Intelligence (AI) in Russia's military strength. At the present, AI is one of the highest priority advanced fields that the Kremlin regards as the primary mechanism for successfully implementing its internal and external strategic goals. Furthermore, the active introduction of such intelligent systems has led to the country becoming an active participant not only in the harvesting field, but also in the international military arena. As for Russia, the development of modern technologies gives it hope to achieve the desired parity with potential competitors in a number of vital areas, helping to compensate for the country's existing economic weakness and technological backwardness in many industrial sectors. Nowadays, the Kremlin shows great assertiveness in becoming the leader of AI's implementation in the military field. However, as the analysis shows the leadership if the armament cannot be achieved through the development of a single sector and the large increase in its production volume. Furthermore, due to strong sanctions, internal and external economic, and strategic-political problems, the country cannot achieve innovative superiority. Thus, the above-mentioned structural limitations and ill-considered tactics in autonomous weapons (AWs) production not only challenge the fulfilment of defined FP goals and national interests but also its motivation to be a leader in arms production.

Keywords: Artificial intelligence (AI), autonomous weapons systems (AWSs), arms production, Russian military