Central Asian Research Journal of Natural and Exact Sciences
INTERNATIONAL SCIENTIFIC, APPLIED AND THEORETICAL JOURNAL
2026 / № 1(3)
SCIENCE FOR A SUSTAINABLE CENTRAL ASIA

THE ROLE OF ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN DEVELOPING STUDENTS' LEGAL WORLDVIEW

Maxmudova Shaxlo Khamid qizi

National University of Uzbekistan, Faculty of Jurisprudence, first-year student

Abstract. This article examines the pedagogical opportunities of using artificial intelligence technologies to develop students' legal worldview in the modern digital educational environment. It highlights the importance of artificial intelligence in developing legal knowledge, legal awareness and legal culture, as well as improving students' abilities to independently analyze legal situations and make lawful decisions.

Keywords: artificial intelligence, legal worldview, legal awareness, legal culture, legal education, digital pedagogy, interactive learning, student, legal competence.

Given today's globalization and digital transformation, raising young people's legal knowledge and cultivating in them respect for the law, a conscious attitude toward rights and obligations, and a sense of legal responsibility is one of the priority tasks of the education system. Developing students' legal worldview is not limited to teaching the content of laws, legal norms and normative legal documents. This process also aims to form qualities such as understanding legal phenomena, assessing social relations from a legal standpoint, understanding one's own rights and obligations, choosing lawful conduct, and feeling responsibility toward society.

At present, the rapid entry of artificial intelligence technologies into the educational process is creating new opportunities for carrying out these tasks. In particular, with the help of artificial intelligence, the possibilities for individual mastery of legal knowledge, modeling legal situations, creating interactive assignments, organizing virtual debates, and diagnosing students' level of knowledge are expanding.

Legal worldview is the set of knowledge, views, convictions and values that a person holds about law, justice, lawfulness, rights and freedoms, obligations, and socio-legal relations.

Students' legal worldview is shaped under the influence of their age characteristics, social environment, family upbringing, the educational process, and their activity in the information space. In this process, school education plays an important role, because it is precisely in the educational process that students systematically master legal concepts, understand the significance of legal norms in social life, and acquire legal behavioral skills.

Although artificial intelligence technologies have great pedagogical potential, certain problems also exist in their use.

First, artificial intelligence may in some cases provide incorrect, outdated or legally unfounded information. This problem becomes especially important in situations where changes in legislation must be taken into account.

Second, excessive reliance of students on artificial intelligence may lead to a weakening of independent thinking, research and analytical skills.

Third, issues of personal data privacy, digital security and the ethics of information use require special attention.

To overcome these problems, it is advisable to ensure the following pedagogical conditions:

– verifying legal information obtained through artificial intelligence against official sources;

– developing students' competence in critically analyzing information;

– raising teachers' professional competence in artificial intelligence and digital pedagogy;

– complying with requirements for the protection of students' personal data;

– ensuring academic integrity and ethical norms when using artificial intelligence;

– encouraging students' independent thinking and creative activity.

Thus, the effectiveness of using artificial intelligence depends not on the technology itself, but on its pedagogically appropriate, responsible and methodologically correct application.

In conclusion, using artificial intelligence technologies to develop students' legal worldview is one of the important innovative directions of modern education. Artificial intelligence makes it possible to enrich the content of legal education, take into account students' individual needs, create an interactive learning environment, and connect legal knowledge with practical activity. Integrating the capabilities of artificial intelligence into the legal education process on a scientific and methodological basis serves to develop not only students' legal knowledge, but also their legal thinking, respect for the law, civic responsibility and social activity. This is an essential condition for raising a well-rounded generation that has a legal culture, thinks independently, and treats democratic values with respect.

References

1. Constitution of the Republic of Uzbekistan. – Tashkent, 2023.

2. Law of the Republic of Uzbekistan "On Education", ORQ-637, 23 September 2020.

3. Law of the Republic of Uzbekistan "On Guarantees of the Rights of the Child", ORQ-139, 7 January 2008.

4. Russell S., Norvig P. Artificial Intelligence: A Modern Approach. 4th ed. – Pearson, 2021.