

TOPICS FOR THE USE OF INTERACTIVE METHODS IN FUTURE SPECIALIST TEACHING “CONSTRUCTION ECOLOGY”

Yoqubjanova Yoqutxon G`ulomjonovna

Namangan Civil Engineering Institute, senior teacher at the Labour Protection and Ecology Department

Abstract

Nowadays, each individual can consciously actively participate in socio-political life to form a younger generation, provide them with the necessary knowledge and skills of Environmental Protection, energy and resource conservation, knowledge of the causes of environmental problems and ways to eliminate them, the environmental background of the construction process, energy and resource conservation in building and, this article provides information on the possibilities of using interactive methods in teaching the science of construction ecology.

Keywords: educational sphere, information communication system, pedagogical activity, educational technology, new pedagogical technologies, atmosphere, dust, environmental situation.

INTRODUCTION

One of the most essential issues confronting higher education institutions today is the creation of a free and creative thinker, as well as a specialist capable of self-growth and self-improvement. The country has prioritised environmental safety, improving the environmental situation, maintaining a stable favourable environmental condition, ensuring the effectiveness of public administration in the field of ecology and environmental protection, and preventing violations in the field. The efficient completion of these duties entails the removal of present difficulties and deficiencies via the creation of an innovative educational environment as well as the development and use of new modern technology in the educational process. Furthermore, current needs point to the necessity to modernise the educational process as a whole and organise creative instructional activities. Simultaneously, one of the major trends in educational development is information technology and automation, which entails assuring the integration of new innovative information technology into the educational process and transmitting information technology into the educational process, as well as the transmission of courses to the audience through interactive techniques.

LITERATURE ANALYSIS

The fact that our scientists have designated the twenty-first century as the age of information technology demonstrates that pedagogical and information technologies are evolving on a daily basis in all fields, including education, bringing high results to non-traditional teaching through the widespread use of new information technologies.

The notion of pedagogical technology first originated in the United States in the mid-twentieth century, and it was referred to as "educational technology" until the mid-1940s and 1950s, when it was applied to instruction via technical methods. In the 1950s and 1960s, programmed education was envisioned; in the 1970s, the word "pedagogical technology" was adopted to represent the already prepared and assured educational process. The United States Association for Pedagogical Communications and Technology

declared in 1979 that pedagogical technology is a complex, integrated process, and from the early 1980s that pedagogical technology is computerised and information technology in education. This notion is now defined in a variety of ways, as follows: Technology - procedures utilised in a certain business, industry, skill, or career [2,6].

RESEARCH METHODOLOGY

Currently, the amount of dust and pollutants entering the atmosphere is rising day by day as a result of building activities and their construction in our nation and other countries. In addition to bringing unprecedented achievements to society, the advancement of science and technology, as well as the rapid development of the construction industry, resulted in a deterioration of the ecological situation, waste of natural resources, pollution of water, air, soil, poisoning, plant and animal depletion, and disruption of large-small ecosystems. An important factor in the process of solving the problems of modern ecology on the basis of scientific and technological achievements is the science of building ecology, its capabilities in solving its direction, conflicts between society and nature. The application of the rules of the science of building ecology in practice in the Prevention of environmental tensions and disasters, in solving environmental conflicts between society and nature is of great importance [4,5].

The practical tasks confronting the science of building ecology today include:

- 1) Providing an optimal environmental environment for the population;
- 2) Ensuring the construction of environmentally friendly buildings;
- 3) The production of waste-free technologies, in addition to the rational use of Natural Resources.
- 4) Maintain consistent and high yield of artificial ecosystems (agricultural)
- 5) Natural preservation implementation through environmental education and education to various sectors of the people [4].

New instructional technologies will aid the teacher's transition to the topic of building ecology:

1. Student orientation;
2. Mastery of designing educational technology, taking into account the various stages of student preparedness to learn in modern education;
3. A student's personality is formed and developed by his own activity, which is aimed at "discovering" or "inventing" new information.

Teachers have recently attempted to focus on the student by adopting student-centred, human-personal education. However, it is not essential to teach the pupil everything, to provide him with ready-made thoughts and knowledge on everything. However, it may be directed to acquire knowledge independently, analyse a situation, lead the learner, assist him in mastering new information, make conclusions, or discover a solution to a job or issue that he has not addressed. This enables say-efforts directed at increasing the quality and efficiency of an educational and educational activity to be concentrated [5].

CONCLUSION

The effective organisation of student training in building ecology science, the content, forms, and means of pedagogical technologies, the correct choice and methods of productive use of pedagogical technologies in education, the study of innovations in the field of education carried out to achieve a guaranteed result, the use in practise determines the practical significance of the work. Because the educational process is complicated, the efficacy of education is dependent on the activity of the educator and student, the availability of instructional instruments, and the educational process's organizational, scientific, and methodological perfection.

REFERENCE LIST

1. Бахриддинов, Н. С., Мамадалиев, Ш. М., & Ёқубжанова, Ё. (2022). ПРАКТИЧЕСКОЕ ЗНАЧЕНИЕ ОРГАНИЗАЦИИ ЭКОЛОГИЧЕСКОГО ОБРАЗОВАНИЯ В ДОШКОЛЬНОМ УЧРЕЖДЕНИИ. *Oriental renaissance: Innovative, educational, natural and social sciences*, 2(5), 443-448.
2. Umarjonovna, D. D., & Gulomjonovna, Y. Y. (2022). CHALLENGES OF FOOD SECURITY. *Conferencea*, 505-507.
3. Tukhtamirzaevich, M. A., & Gulomjonovna, Y. Y. (2022, December). USE OF NEW PEDAGOGICAL TECHNOLOGIES IN TEACHING THE SUBJECTS OF INDUSTRIAL SANITATION AND LABOR HYGIENE. In *Proceedings of International Conference on Modern Science and Scientific Studies* (Vol. 1, No. 3, pp. 378-386).
4. Ёқубжанова, Ё. Г. (2022). Использование Инновационных Технологий При Организации Занятий По Промышленной Санитарии И Гигиене. *Central Asian Journal of Literature, Philosophy and Culture*, 3(10), 25-27.
5. Gulomjonovna, Y. Y. (2022, December). QURILISH EKOLOGIYASI FANINI O'QITISHDA ILGOR PEDAGOGIK TEXNOLOGIYALARDAN FOYDALANISH. In *Proceedings of International Educators Conference* (Vol. 3, pp. 191-199).
6. Yaqubjanova, Y., Sariboyeva, D., & Halimjonova, U. (2022). SECONDARY RAW MATERIALS OF DAIRY PRODUCTS AND THEIR PHYSIOLOGICAL EFFECTS ON THE HUMAN ORGANISM. *Models and methods in modern science*, 1(18), 67-72.
7. Yoqutxon, Y., & Go'zalbonu, R. (2022). A Change of Ecosystem, Education, Technology and Lifestyle. *International Journal of Formal Education*, 1(9), 84-89.
8. Mashrapov, Q., Yoqubjanova, Y., Djurayeva, D., & Xasanboyev, I. (2022). THE ROLE OF CREDIT-MODULE SYSTEM IN DEVELOPMENT OF STUDENTS' SPECIALTIES IN TECHNICAL HIGHER EDUCATION INSTITUTIONS. *Theoretical aspects in the formation of pedagogical sciences*, 1(6), 332-336.
9. Sadriddinovich, B. N., Akhmadjanovich, T. A., & Gulomjonovna, Y. Y. (2022, December). Technology of obtaining magnesium and sulfate ion superphosphate from effluent concentration waste. In *International scientific-practical conference on "Modern education: problems and solutions"* (Vol. 1, No. 5).
10. Ёқубжанова, Ё. (2023). РАЗРАБОТКА ТЕХНОЛОГИИ ПРИГОТОВЛЕНИЯ НАПИТКОВ НА ОСНОВЕ СЫВОРОТКИ С ФУНКЦИОНАЛЬНЫМИ СВОЙСТВАМИ. *Gospodarka i Innovacje*, 33, 170
11. Бахриддинов, Н. С., Мамадалиев, Ш. М., & Джураева, Д. У. (2022). Современный Метод Защиты Озонового Слоя. *Central Asian Journal of Medical and Natural Science*, 3(3), 1-4.
12. Baxriddinov, N., Mamadaliev, S., & Djuraeva, D. (2022). ОЛИЙ ТАЪЛИМ МУАССАСАЛАРИДА ЭКОЛОГИЯДАН ЎҚУВ МАШҒУЛОТЛАРИНИ ТАШКИЛ ЭТИШ. *Science and innovation*, 1(B8), 10-15.
13. Atamirzaeva, S. T., & Juraeva, D. U. (2022). INTERFAOL IN THE ORGANIZATION OF THE SCIENCE OF ECOLOGY USING METHODS. *Экономика и социум*, (3-2 (94)), 55-57.
14. Umarjonovna, D. D., & Gulomjonovna, Y. Y. (2022). CHALLENGES OF FOOD SECURITY. *Conferencea*, 505-507.
15. Отамирзаев, С. О. У., & Джураева, Д. У. (2022). АНАЛИЗ И ИСПОЛЬЗОВАНИЕ ИНТЕРАКТИВНЫХ МЕТОДОВ ПРИ ВЫПОЛНЕНИИ ЛАБОРАТОРНЫХ РАБОТ ПО ХИМИИ. *Oriental renaissance: Innovative, educational, natural and social sciences*, 2(7), 760-765.

16. Mashrapov, Q., Yoqubjanova, Y., Djurayeva, D., & Xasanboyev, I. (2022). THE ROLE OF CREDIT-MODULE SYSTEM IN DEVELOPMENT OF STUDENTS' SPECIALTIES IN TECHNICAL HIGHER EDUCATION INSTITUTIONS. *Theoretical aspects in the formation of pedagogical sciences*, 1(6), 332-336.
17. Джураева, Д. У., & Мамадалиев, Ш. (2022). ЗАЩИТА ОЗОНОВОГО СЛОЯ-ЗАДАЧА КАЖДОГО ЧЕЛОВЕКА. *Conferencea*, 29-31.
18. Уктамов, Д. А., & Джураева, Д. У. (2020). ПОЛУЧЕНИЕ МИКРОЭЛЕМЕНТСОДЕРЖАЩЕГО НИТРОФОСА НА ОСНОВЕ ТЕРМОКОНЦЕНТРАТА И ВТОРИЧНОГО СЫРЬЯ ГИДРОМЕТАЛЛУРГИИ. *Universum: технические науки*, (12-4 (81)), 82-85.
19. Djurayeva, D., & Ikromova, M. (2022). KIMYO LABORATORIYALARIDA DARSLARNI TASHKIL QILISHDA INNOVATSION TEXNOLOGIYALARNI QO'LLASH. *Theoretical aspects in the formation of pedagogical sciences*, 1(4), 52-55.
20. Джураева, Д., & Эргашходжаев, Ш. К. О. (2022). РОЛЬ ЗЕЛЕННЫХ РАСТЕНИЙ В ЗАЩИТЕ ОКРУЖАЮЩЕЙ СРЕДЫ. *Conferencea*, 62-63.
21. Каххаров, А., & Джураева, Д. (2022). ЗНАЧЕНИЕ ХИМИИ В ПОДГОТОВКЕ КАДРОВ В ОБЛАСТИ СЕЛЬСКОГО ХОЗЯЙСТВА. *Theoretical aspects in the formation of pedagogical sciences*, 1(6), 88-91.
22. Djurayeva, D. (2022). EKOLOGIYA VA ATROF MUHIT MUHOFAZASI YO'NALISHIDA TAHSIL OLUVCHI TALABALARGA EKOLOGIYA FANINING O'RNINI VA AHAMIYATI. *Theoretical aspects in the formation of pedagogical sciences*, 1(7), 124-128.
23. Джураева, Д. У., & Собиров, М. М. (2022, December). ТЕХНОЛОГИЯ ПОЛУЧЕНИЯ СУСПЕНДИРОВАННЫХ СЛОЖНЫХ УДОБРЕНИЙ С ИНСЕКТИЦИДНОЙ АКТИВНОСТЬЮ. In *Proceedings of International Educators Conference* (Vol. 3, pp. 175-190).
24. Djuraeva, D. (2010). ADDING THE CRIME OF INTERNATIONAL TERRORISM INTO THE STATUTE OF INTERNATIONAL CRIMINAL COURT: DEFINITION, BENEFITS TO JUSTICE AND OBSTACLES: дис. *Central European University*.
25. Umarjonovna, D. D. (2023). Noorganik Kimyo Fanini O'qitishda Pedagogik Texnologiyalar Va Fan Yangiliklaridan Samarali Foydalanishning Ahamiyati. *Web of Synergy: International Interdisciplinary Research Journal*, 2(1), 86-90.
26. Umarjonovna, D. D. (2023). Elekt Energetikasi Yo'nalishida Tahsil Oluvchi Talabalarga Ekologiya Fanining O'rnini Va Ahamiyati. *Web of Synergy: International Interdisciplinary Research Journal*, 2(1), 77-81.
27. Umarjonovna, D. D., & Akbaraliyeva, Y. M. (2023). Global Environmental Problems and Their Solution. *Web of Semantic: Universal Journal on Innovative Education*, 2(3), 326-330.
28. Umarjonovna, D. D. (2023). The Role of Green Plants in Protecting the Environment. *Web of Semantic: Universal Journal on Innovative Education*, 2(3), 303-306.
29. Umarjonovna, D. D. (2023). Interactive Methodology of Teaching the Science of Environmental Protection to School in Educational Institutions. *Web of Semantic: Universal Journal on Innovative Education*, 2(3), 295-302.
30. Bakhriddinov, N. S., & Djuraeva, D. U. (2023). Efficiency of Using Apatite in Obtaining Epa. *Web of Synergy: International Interdisciplinary Research Journal*, 2(3), 291-297.
31. Djurayeva, D., & Fayzullayeva, S. (2023). KIMYO FANINI O'QITISHDA KREDIT MODUL ASOSIDA MUSTAQIL TA'LIMNI TASHKIL QILISH. *Наука и технология в современном мире*, 2(12), 9-11.

32. Djurayeva, D. (2023). MODERN ENVIRONMENTAL PROBLEMS. *Наука и технология в современном мире*, 2(12), 5-8.
33. Umarjonovna, D. D., & Olimjon o'g'li, O. S. (2022). O'QUV MAQSADLARI IERARXIYASI TARTIBIDAGI DARSNING TA'LIM SAMARADORLIGIGA TA'SIRI.
34. Djurayeva, D. (2023). KIMYO FANIDAN VIRTUAL LABORATORIYALARDAN SAMARALI FOYDALANISH USULLARINI YARATISH. *Естественные науки в современном мире: теоретические и практические исследования*, 2(4), 27-29
35. Djurayeva, D. (2023). MODERN ENVIRONMENTAL PROBLEMS AND SOLUTIONS. *Инновационные исследования в современном мире: теория и практика*, 2(12), 13-17.
36. Джураева, Д. У. (2022). АНАЛИЗ И ИСПОЛЬЗОВАНИЕ ИНТЕРАКТИВНЫХ МЕТОДОВ ПРИ ВЫПОЛНЕНИИ ЛАБОРАТОРНЫХ РАБОТ ПО ХИМИИ Отамирзаев Самаджон Олимжон угли.
37. Джураева, Д. (2023). РАЗРАБОТКА МЕТОДОВ ЭФФЕКТИВНОГО ИСПОЛЬЗОВАНИЯ ВИРТУАЛЬНЫХ ЛАБОРАТОРИЙ В ХИМИИ. *Инновационные исследования в современном мире: теория и практика*, 2(14), 54-57.