ROLE OF ARTIFICIAL INTELLIGENCE IN EDUCATION

Nishonova Dildora Mashrabovna

Computer Science Science Teacher

Fergana City 34-Secondary Education School

A B S T R A C T	K E Y W O R D S
This in the article artificial intellect technologies modern education in the system place and importance analysis Research during artificial intellect tools study individual approach in the process to form, knowledge evaluation automation, customized education provides and interactive teaching environment in creation efficiency Also, artificial intellect from technologies uses in the process to the surface arrival possible was social and moral problems are also covered. The article artificial intellect human factor completes not to replace, but education quality in increasing effective assistant tool as service to do emphasized.	Artificial intellect, education technologies, customized education, automated assessment, interactive study environment, digital transformation.

INTRODUCTION

21st century digital transformation period to be , artificial artificial intelligence (AI) technologies all sectors , particularly education to the system intense enter Modern in education artificial intellect from technologies use study process efficiency increase , individual approach develop and interactive training environment in formation important importance profession This is in the article artificial of intellect education in the system opportunities , advantages and practical application analysis Artificial of artificial intelligence (AI) technologies education to the field integration last in years intense at a pace develop and learn process individualization , automation and interactivity opportunities through quality sharp Research As shown , SI students to the needs customized training materials create , study process monitoring and education efficiency in increasing solution doer importance has (Hussain et al., 2024). Artificial intellect using done increasing flexible education systems every one student 's knowledge level analysis and give him /her individual recommendations and interactive training presented (Iqbal et al., 2024). With this together , using SI education in the process time - consuming practices , including assessment , documentation formalize and statistics to conduct is being automated , this and to the teacher further creative and educational affairs for more opportunity (Chhatwal et al., 2023). However , artificial intellect opportunities with one in the row , its in education application various social and moral problems also arise brings , in particular , humanity values preservation and teacher personal of the impact instead complete not to press issue as of now remains (Fitria, 2023) . Therefore , modern education SI technologies in systems the students support tool as to see , students knowledge deepening and oneself understanding process encouragement to the goal is appropriate .

SI technologies human factor complete aside can't pass , maybe him/her to improve service does (Tilepbergenovna , 2024) .

Methodology

This in research education in the process artificial intellect systems learning for scientific analysis and experimental observations was used . Research at the center of ChatGPT, KHAN Academy Ai Teacher, Grammarly, Quizlet AI, Duolingo Max , etc. artificial intellect based on tools studied . Analysis results and good quality content preparation , customized education , assessment automation and knowledge monitoring to improve the impact to determine focused

Results

Research during It turns out that artificial intellect tools of the students knowledge to the level suitable individual assignments without creation , knowledge fast and clear evaluation , and repetition and reinforcement in the process big efficiency Especially , many variant tests to compose , texts grammatical and stylistic analysis to do , automatic translation and personal training directions SI tools in designation himself high at the level proved .

Discussion

Artificial intellect of tools in education current to be taught , to be taught work easing , as well as students knowledge fast and good quality mastery opportunities expands . However, this of technologies too much outside insecurity and human factor aside to pass There is also a risk . Therefore, SI technologies current in doing teachers , academics leaders and technician experts between cooperation important importance has .

Conclusion

Research results artificial intellect technologies education to the process intense and effective integration to be done modern of education important to the trend that has become showed . via SI personalized education , automatic analysis and control , and interactive environment create education quality to increase service In the future artificial intellect using of education flexible and digital transformation further wide in the field continue to be able is expected .

References

1. Russell, S., Norvig, P. (2021). Sun'iy Intellekt: Zamonaviy Yondashuv. Pearson.
2. YUNESKO (2022). AI va ta'lim: siyosatchilar uchun qo'llanma.
3. Koedinger, K. va boshq. (2019). AI bilan o'rganish: foyda va qiyinchiliklar. Ta'lim Tadqiqotlari Jurnali.
4. Xolms, V., Bialik, M. Va Fadel, C. (2019). Ta'limdagi sun'iy intellekt: o'qitish va o'rganish uchun va'dalar va natijalar.
5. Duolingo Blogi (2023). Miqyosda AI-quvvatlanadi ta'lim.
6. OpenAI (2024). ChatGPT va ta'lim ilovalar.
7. YO'LDASHEV, B., & Mukhriddin, S. (2023). Experimental Assessment of Parameters Influencing Crack Development in Concrete Structures. Science Promotion, 1(1), 1-5.

8. Xomidov, X. R., Nurmatov, S. X., Yo'ldashev, B. I., & O'lmasov, F. Y. (2023). Konus setkali chang tozalovchi qurilma uchun chang namunalarining dispers tarkibi taxlili. Al-Farg'oniy avlodlari, 1 (4), 66-69. doi: 10.5281/zenodo.10333288

9. Siddiqov, R., Khomidov, K., Ummatov, R., Akbarov, A., Abdullayev, Z., Nurmatov, S., ... & Ubaydullayeva, D. (2024). Optimizing the accuracy of an industrial robot: A model for improving positional accuracy. In E3S Web of Conferences (Vol. 583, p. 05016). EDP Sciences.

10. Нурматов, С. Х. Ў., Йўлдашев, Б. И. Ў., Ўлмасов, Ф. Ё. Ў., & Хомидов, Х. Р. Ў. (2023). БАРБОТАЖЛИ АБСОРБЦИЯ ҚУРИЛМАСИДА ГАЗ ЁСТИҒИНИ ТАДҚИҚ ҚИЛИШ УСУЛИ. Строительство и образование, 4(5-6), 287-295.

11. O'G'Li, X. X. R., O'G'Li, N. S. X., Yo'Ldashev Bilol Iqboljon, O. G., & O'G, O. L. F. Y. (2023). Konus setkali chang tozalovchi qurilma uchun chang namunalarining dispers tarkibi taxlili. Al-Farg'oniy avlodlari, 1(4), 66-69.

12. Bakum, Z., & Tsvirkun, L. (2014). Activation of cognitive activity of future engineers during graphical training.