'**Ta'lim tizimini rivojlantirishda sun'iy intellektning roli**

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Annotatsiya. *"Hozirgi kunda biz sun'iy intellektni jamiyatning ko'plab sohalarida uchratishimiz mumkin. Sun'iy intellektning ta'siri kundan kunga ortib bormoqda. Sun'iy intellektdan foydalanish, jumladan, ta'lim sohasida ham o'sib bormoqda. Sun'iy intellekt - bu fanning bir qismi bo'lib, u inson aqli jarayonlari tomonidan mashinalar, ayniqsa kompyuter tizimlari tomonidan yaratilgan. AIning asosiy maqsadi odamlarning mashinalar bilan o'zaro ta'sirini yumshatishdir, chunki unga aqlli tizim, inson tilini qayta ishlash, nutqni aniqlash va mashinani ko'rish orqali kirish mumkin. Dunyo bo'ylab AIga talab ortib bormoqda. Ko'chmas mulk yoki raqamli marketing bo'ladimi, AI har bir sohani inqilob qildi va ta'lim sohasi bundan mustasno emas".*

Kalit so'zlar: *Sun'iy intellekt, ta'lim tizimi, avtomatlashtirilgan ta'lim, adaptiv ta'lim, masofaviy ta'lim, individual yondashuv, baholash va tahlil, kompetensiyalarni rivojlantirish*

The role of artificial intelligence in the development of the educational system

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Abstract. *"Nowadays, we can come across artificial intelligence in many areas of society. The influence of artificial intelligence is growing day by day. The*

usage of artificial intelligence is growing, including in the field of education sphere. Artificial Intelligence is a part of science that is created by human intelligence processes by machines, especially computer systems. The main objective of AI is to smoothen the interactions of humans with machines, as it is accessed by the smart system, human language processing, speech recognition, and machine vision. The demand for AI is increasing globally. Whether it's real-estate or digital marketing, AI has revolutionized every sector and the education sector is not an exception".

Keywords: *Artificial intelligence, educational system, automated learning, adaptive learning, distance learning, individual approach, evaluation and analysis, competence development*

Asosiy qism.

Individual yondashuv:

Talabalarning individual bilim va ko'nikmalarini baholash.

Talabalarning qiziqishlari, motivatsiyasi va o'rganish uslublarini aniqlash.

Ta'lim mazmuni va usullarini talabalarning individual xususiyatlariga moslash.

Adaptiv ta'lim:

Talabalarning ta'lim jarayonidagi natijalarini kuzatib, ularning bilim va ko'nikmalarini takomillashtirish uchun dars jarayonini moslash.

Ta'lim materiallarini, testlarni va topshiriqlarni talabalarning bilim darajasiga moslash.

Avtomatlashtirilgan baholash va tahlil:

Talabalarning bilim, ko'nikma va qobiliyatlarini avtomatik baholash.

Ta'lim jarayonidagi kuchli va zaif tomonlarni aniqlash.

Talabalarning individual rivojlanish dinamikasini kuzatish va tahlil qilish.

Masofadan ta'lim va shaxsiylashtirish:

Talabalarning masofadan o'qish ehtiyojlarini hisobga olgan holda ta'lim mazmuni va usullarini moslash.

Masofadan o'qitish uchun talabalarning individual xususiyatlariga moslashgan virtual assistent va bot-larni yaratish.

Kompetensiyalarni rivojlantirish:

Har bir talaba uchun bilim, ko'nikma va qobiliyatlarni rivojlantirish bo'yicha individual yo'naltirilgan tavsiyalar ishlab chiqish.

Talabalarning o'quv faoliyatini kuzatish va optimallashtirish.

Afzalliklari

Individual yondashuv:

Har bir talabaning ehtiyojlarini hisobga olgan holda ta'lim jarayonini tashkil etish.

Talabalarning qiziqishlari, motivatsiyasi va o'rganish uslublarini aniqlash.

Ta'lim sifatini oshirish:

Talabalarning bilim, ko'nikma va qobiliyatlarini aniq baholash.

Ta'lim jarayonini talabalarning individual xususiyatlariga moslash.

Samaradorlikning oshishi:

Ta'lim jarayonlarini optimallashtirish va tezkor moslashuvchanlik.

Analitik ma'lumotlardan foydalanib, ta'lim jarayonlarini doimiy takomillashtirish.

Qulaylik va erkinlik:

Talabalarning masofadan o'qish imkoniyatlarini kengaytirish.

Talabalarning individual rivojlanish dinamikasini kuzatish va baholash.

Xulosa

Sun'iy intellekt texnologiyalarining ta'lim tizimidagi qo'llanilishi ta'lim jarayonlarini yanada samarali, maqsadli va individual yondashuv asosida amalga oshirish imkonini beradi. Adaptiv ta'lim, avtomatlashtirilgan baholash va tahlil, masofadan ta'lim va shaxsiylashtirish, kompetensiyalarni rivojlantirish kabi imkoniyatlar ta'lim sifatini tubdan yaxshilashga xizmat qiladi. Shu bilan birga, sun'iy intellektning ta'lim tizimidagi qo'llanilishi samaradorlik, aniqlik va qulay ta'lim muhitini yaratadi.

Adabiyot

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