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## INNOVATION PEDAGOGIKA VA ZAMONAVIY TEXNOLOGIYALAR

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**Annotatsiya:** Ushbu maqolada innovatsion pedagogika va zamonaviy texnologiyalar o'rtaqidagi o'zaro aloqalar va ta'lif jarayoniga ta'siri tahlil qilinadi. Innovatsion pedagogika yangi o'qitish usullarini, texnologiyalarni va metodlarni joriy etish orqali ta'lifni samarali qilishga intiladi. Zamonaviy texnologiyalar esa o'quvchilarning bilim olish jarayonini yanada interfaol va qiziqarli qilish imkonini beradi. Maqolada texnologiyalarning ta'lif jarayoniga integratsiyasi, innovatsion pedagogikaning asosiy tamoyillari va ularning ta'lifdagi ahamiyati haqida so'z yuritiladi.

**Kalit so'zlar:** Innovatsion pedagogika, zamonaviy texnologiyalar, ta'lif jarayoni, interfaol o'qitish, raqamli ta'lif, pedagogik metodlar, o'quvchilarning faolligi.

**Abstract:** This article analyzes the interaction between innovative pedagogy and modern technologies and their impact on the educational process. Innovative pedagogy seeks to make education effective by introducing new teaching methods, technologies and methods. And modern technologies make the learning process of students more interactive and interesting. The article talks about the integration of technologies into the educational process, the main principles of innovative pedagogy and their importance in education.

**Keywords:** Innovative pedagogy, modern technologies, educational process, interactive teaching, digital education, pedagogical methods, student activity.

### Kirish

Innovatsion pedagogika o'qitish jarayonini takomillashtirish va yangi pedagogik yondashuvlarni ishlab chiqish maqsadida rivojlanmoqda. Bugungi kunda texnologiyalar ta'lif sohasida muhim rol o'ynaydi, chunki ular o'quvchilarning o'rganish jarayonini yanada samarali va interfaol qiladi. Zamonaviy texnologiyalarni pedagogik jarayonga integratsiya qilish ta'lif sifatini oshirishga yordam beradi. Bu maqolada innovatsion pedagogikaning mohiyati, zamonaviy texnologiyalar bilan uyg'unlashuvi va ta'lif jarayonidagi ahamiyati haqida so'z yuritiladi.

### Asosiy qism

#### 1. Innovatsion pedagogikaning mohiyati

Innovatsion pedagogika — bu ta'lif jarayonini yangi metodlar, texnologiyalar va pedagogik yondashuvlar yordamida samarali qilishga qaratilgan pedagogik faoliyatdir. Innovatsion pedagogikaning asosiy tamoyillari quyidagilardan iborat:

- Yangi pedagogik metodlar:** O'qitish usullarini yangilash va takomillashtirish, masalan, problemali o'qitish, loyiha asosida o'qitish, interfaol metodlar.
- O'quvchilarning faolligi:** O'quvchilarni o'rganish jarayonida faol ishtiroy etishga jalb qilish, ular bilan hamkorlikda bilimlarni o'zlashtirish.

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- **Shaxsga yo'naltirilgan ta'lim:** O'quvchilarning individual xususiyatlarini hisobga olib, ta'limni shaxsiylashtirish.

- **Innovatsion texnologiyalar:** Zamonaviy texnologiyalarni ta'lim jarayoniga integratsiya qilish, masalan, raqamli platformalar, virtual sinflar, onlayn ta'lim vositalari.

### **2. Zamonaviy texnologiyalar va ta'lim jarayoni**

Zamonaviy texnologiyalar ta'lim jarayonini yanada samarali qilish uchun keng imkoniyatlar yaratadi. Ularning ta'limga ta'siri quyidagi jihatlarda ko'rindi:

- **Raqamli ta'lim vositalari:** Kompyuterlar, planshetlar, interfaol doskalar, mobil ilovalar va o'quv platformalari o'quvchilarga turli xil resurslardan foydalanish imkonini beradi. Bu texnologiyalar o'quvchilarga o'z vaqtida va o'z ehtiyojlariga mos ravishda bilim olish imkoniyatini taqdim etadi.

- **Onlayn ta'lim:** Internet orqali ta'lim olish o'quvchilarga masofadan turib ta'lim olish imkoniyatini yaratadi. Bu texnologiya o'quvchilarga o'z vaqtini boshqarish, o'rganish jarayonini shaxsiylashtirish va geografik cheklarni bartaraf etish imkonini beradi.

- **Interfaol o'qitish metodlari:** Texnologiyalar yordamida o'quvchilarga masalalar yechish, muhokama qilish va guruhlarda ishslash kabi faol o'qitish usullari qo'llaniladi. Bu usullar o'quvchilarning mustaqil fikrlashini va jamoaviy ishslash ko'nikmalarini rivojlantiradi.

- **Virtual va kengaytirilgan haqiqat:** Virtual va kengaytirilgan haqiqat texnologiyalari o'quvchilarga o'rgatilayotgan mavzularni amaliyatda ko'rish va tajriba qilish imkonini beradi. Masalan, tarixiy voqealarni virtual muhitda ko'rish yoki biologiya darsida 3D modellarni ko'rish.

### **3. Innovatsion pedagogikaning ta'limdagi ahamiyati**

Innovatsion pedagogika va texnologiyalar ta'lim jarayonini yanada samarali qilishda muhim rol o'ynaydi. Ular quyidagi afzalliliklarga ega:

- **O'quvchilarning qiziqishini oshirish:** Innovatsion metodlar va texnologiyalar o'quvchilarning darsga bo'lgan qiziqishini oshiradi, ularning motivatsiyasini kuchaytiradi.

- **Ta'lim sifatini oshirish:** Zamonaviy texnologiyalar yordamida o'qituvchilar darsni yanada interfaol va qiziqarli qilish imkoniyatiga ega bo'ladir.

- **Shaxsiylashtirilgan ta'lim:** Texnologiyalar yordamida o'quvchilarning individual ehtiyojlari va qobiliyatlariga mos ravishda ta'lim berish mumkin.

- **Ta'limning samaradorligini oshirish:** O'quvchilarning o'zlashtirish darajasi va muvaffaqiyatlarini real vaqt rejimida baholash va tahlil qilish imkoniyati ta'minlanadi.

### **Taklif va tavsiyalar**

1. **Innovatsion metodlarni qo'llash:** O'qituvchilarni innovatsion pedagogik metodlar va texnologiyalarni qo'llashga o'rgatish.

2. **Texnologiyalarni ta'limga integratsiya qilish:** Ta'lim jarayoniga raqamli texnologiyalarni joriy etish, onlayn ta'lim platformalarini kengaytirish.

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3. **O‘quvchilarning faolligini oshirish:** Interfaol va loyiha asosida o‘qitish metodlarini qo‘llash orqali o‘quvchilarning faolligini oshirish.

4. **O‘qituvchilarni malakasini oshirish:** O‘qituvchilarga texnologiyalarni ta’lim jarayoniga samarali integratsiya qilish uchun doimiy malaka oshirish kurslarini tashkil etish.

### **Metod va materiallar**

- **Metodlar:** Problemali o‘qitish, loyiha asosida o‘qitish, interfaol darslar, masofaviy ta’lim.
- **Materiallar:** Raqamli o‘quv resurslari, onlayn platformalar, interfaol doskalar, virtual va kengaytirilgan haqiqat vositalari.

### **Xulosa**

Innovatsion pedagogika va zamonaviy texnologiyalar ta’lim jarayonini samarali qilishda katta ahamiyatga ega. Innovatsion metodlar va texnologiyalar yordamida o‘quvchilarning o‘rganish jarayoni yanada interfaol va qiziqarli bo‘ladi. Ta’limning sifatini oshirish va o‘quvchilarning bilim olishdagi muvaffaqiyatini ta’minlash uchun innovatsion pedagogika va zamonaviy texnologiyalarni samarali qo‘llash zarur.

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