



**APPLICATION OF MODERN PEDAGOGICAL APPROACHES IN
THE FIELD OF RAILWAYS**

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ABSTRACT

This scientific article analyzes the role of modern pedagogical approaches in improving the educational process in railway engineering and operations. Special attention is paid to interactive methods, digital technologies, and adaptation of foreign experience to national conditions. The effectiveness of modern teaching methods is substantiated.

KEYWORDS

railway transport, pedagogical technologies, interactive methods, innovative education, simulation

**TEMIR YO‘LLAR SOHASIDA ZAMONAVIY PEDAGOGIK
YONDASHUVLARNI QO‘LLASH**

Muallif: Azamatjonova Sarvinoz Rustam qizi

OTM: Toshkent Davlat Transport Universiteti

Mutaxassislik: Temir yo‘llar va temir yo‘llardan foydalanish

Kurs: Magistratura 2-bosqich

ANNOTATSIYA

Mazkur ilmiy maqolada temir yo‘llar va ulardan foydalanish yo‘nalishida ta‘lim jarayonini takomillashtirishda zamonaviy pedagogik yondashuvlarning o‘rni tahlil qilinadi. Xususan, interfaol metodlar, raqamli texnologiyalar hamda xorijiy tajribalarni milliy ta‘lim tizimiga moslashtirish masalalari yoritilgan. Tadqiqot natijasida zamonaviy dars o‘tish uslublarining samaradorligi asoslab berilgan.



KALIT SO‘ZLAR

temir yo‘l transporti, pedagogik texnologiyalar, interfaol metodlar, innovatsion ta‘lim, simulyatsiya

Hozirgi globallashuv sharoitida temir yo‘l transporti sohasining rivojlanishi yuqori malakali mutaxassislarni tayyorlashni talab etadi. Shu sababli ta‘lim jarayonida zamonaviy pedagogik texnologiyalarni qo‘llash muhim ahamiyat kasb etadi. An‘anaviy o‘qitish usullari bilan bir qatorda innovatsion yondashuvlar talabalarni amaliy faoliyatga tayyorlashda muhim rol o‘ynaydi.

Zamonaviy pedagogik uslublar

Bugungi kunda interfaol metodlar, jumladan case-study, aqliy hujum, debat va blended learning keng qo‘llanilmoqda. Ushbu metodlar talabalarning mustaqil fikrlash va muammolarni hal qilish ko‘nikmalarini rivojlantiradi.

Xorijiy tajriba

Rivojlangan davlatlarda temir yo‘l ta‘limi ishlab chiqarish bilan integratsiyalashgan. Bu esa talabalarni real ish muhitiga yaqinlashtiradi. Ushbu tajribalarni O‘zbekiston sharoitida qo‘llash ijobiy natijalar berishi bilan birga, ayrim muammolarni ham yuzaga keltiradi.

Ijobiy jihatlar:

- ta‘lim sifati oshadi
- amaliy ko‘nikmalar rivojlanadi

Salbiy jihatlar:

- texnik baza yetishmasligi
- moslashuv muammolari

Innovatsion texnologiyalar

Virtual laboratoriyalar va simulyatsion dasturlar temir yo‘l tizimini o‘rganishda muhim vosita hisoblanadi. Bu esa ta‘lim samaradorligini oshiradi.

XULOSA





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Zamonaviy pedagogik texnologiyalarni qo'llash temir yo'l yo'nalishida ta'lim sifatini oshirishga xizmat qiladi. Xorijiy tajribani moslashtirish orqali yuqori malakali mutaxassislar tayyorlash mumkin.

CONCLUSION

Modern pedagogical technologies significantly improve the quality of railway education. Adapting foreign experience ensures effective specialist training.

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