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Tashkent International University of Education  
Turin Polytechnic University in Tashkent

## PROCEEDINGS

of the MMIT'25 International Conference

TA'LIMNING ZAMONAVIY USULLARI VA  
INNOVATSION TEXNOLOGIYALAR

MODERN METHODS AND INNOVATION  
TECHNOLOGIES IN EDUCATION

СОВРЕМЕННЫЕ МЕТОДЫ И  
ИННОВАЦИОННЫЕ ТЕХНОЛОГИИ  
В ОБРАЗОВАНИИ

29 May 2025, Tashkent, Uzbekistan

MAQOLALAR TO'PLAMI  
СБОРНИК СТАТЕЙ







# **Tashkent International University of Education**

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**Ta'limning zamonaviy usullari va innovatsion texnologiyalar**

**Modern methods and innovation technologies in education**

**Современные методы и инновационные технологии в  
образовании**

*29 May 2025, Tashkent, Uzbekistan [www.mmit.tiue.uz](http://www.mmit.tiue.uz)*

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## **OLIY TA'LIM TASHKILOTLARIDA O'QUV JARAYONIGA INNOVATSION TEXNOLOGIYALARNI TATBIQ ETISH MUAMMOLARI**

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**Annotatsiya.** Mazkur maqolada oliy ta'lim tashkilotlarida o'quv jarayoniga innovatsion texnologiyalarni tatbiq etish muammolari va chet-el INTI universiteti (Malayziya) hamda TIUE xalqaro universitetida o'quv jarayoniga joriy etilgan modellar ko'rib chiqilgan.

**Kalit so'zlar:** innovatsiya, axborot texnologiyalari, masofaviy ta'lim, raqamlashtirish, ta'lim modellari.

## **PROBLEMS OF INTRODUCING INNOVATIVE TECHNOLOGIES INTO THE EDUCATIONAL PROCESS IN HIGHER EDUCATIONAL INSTITUTIONS**

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**Abstract.** This article examines the problems of introducing innovative technologies into the educational process in higher educational institutions and models implemented in the educational process at the foreign university INTI (Malaysia) and the international university TIUE.

**Keywords:** innovations, information technologies, distance learning, digitalization, educational models.

### **Kirish**

Bugungi kunda axborot texnologiyalarining rivojlanishi oliy ta'lim tashkilotlarida o'quv jarayonlarini samarali boshqarish imkonini beradi. Masofaviy va an'anaviy ta'lim shakllarida o'quv jarayonlarini boshqarish uchun maxsus axborot tizimlari ishlab chiqilmoqda [1, 2]. Ushbu maqolada masofaviy va an'anaviy ta'lim jarayonlarida qo'llaniladigan axborot tizimlari va ularning modellari tahlil qilinadi. Shuningdek, ushbu modellarning amaliy tatbiqi INTI universiteti (Malayziya) va TIUE xalqaro universiteti o'rtasidagi hamkorlik doirasida ko'rib chiqiladi.

INTI universitetining imkoniyatlari

INTI universiteti Malayziyadagi yetakchi xususiy oliy ta'lim muassasalaridan biri bo'lib, u xalqaro darajada tan olingan ta'lim tizimiga ega [3]. Universitet quyidagi imkoniyatlarni taqdim etadi:

1. Ilg'or masofaviy ta'lim platformalari – universitetning elektron ta'lim tizimi Moodle, Blackboard va Canvas kabi platformalardan foydalanib onlayn ta'limni tashkil etadi;
2. Talabalar uchun global integratsiya – INTI xalqaro universitetlar bilan hamkorlikda talabalarga xalqaro darajada ta'lim olish imkoniyatini taqdim etadi;
3. O'quv dasturlarining innovatsionligi – universitet kurslari industriya talablariga mos ravishda shakllantirilgan va ularda STEM yo'nalishiga katta e'tibor qaratilgan;
4. Talabalarining malakasini oshirish dasturlari – INTI talabalarga real loyihalarda qatnashish, stajirovka va ishga joylashish imkoniyatlarini taqdim etadi;

5. Xalqaro darajadagi o'qituvchilar – INTI universitetida dunyoning turli burchaklaridan malakali professorlar dars beradi.

TIUE xalqaro universitetining imkoniyatlari [4]

TIUE xalqaro universiteti xalqaro ta'lim standartlarini o'z ichiga olgan zamonaviy o'quv dasturlarini taqdim etadi. Universitetning asosiy imkoniyatlari quyidagilardan iborat:

Interaktiv ta'lim jarayonlari – TIUE talabalarga virtual laboratoriyalar va simulyatorlar yordamida amaliy ta'lim olish imkonini yaratadi;

Ilg'or axborot texnologiyalari – universitetning ta'lim jarayonlari raqamlashtirilgan va masofaviy ta'lim uchun maxsus platformaga ega;

Ilmiy tadqiqotlar va startaplarni qo'llab-quvvatlash – talabalar va o'qituvchilar uchun innovatsion g'oyalarni amalga oshirish imkoniyatlari mavjud;

Xalqaro hamkorlik – universitet turli davlatlarning ta'lim muassasalari bilan hamkorlik qilib, talabalarga ikki diplomli ta'lim olish imkoniyatini taqdim etadi;

Gibrid ta'lim modellari – TIUE an'anaviy va masofaviy ta'limning eng yaxshi jihatlarini birlashtirib, talabalar uchun maksimal qulaylik yaratadi.

An'anaviy ta'lim jarayonlarini boshqarish axborot tizimi

An'anaviy ta'lim shakli auditoriyada o'qituvchi va talabalarining bevosita muloqotini talab qiladi. Bu jarayonni samarali boshqarish uchun axborot tizimlari quyidagi funksiyalarni bajaradi:

Dars jadvalini avtomatlashtirish – o'quv fanlarining jadvalini shakllantirish va optimallashtirish;

Talabalarining ishtiroki va baholarini yuritish – talabalar faoliyatini nazorat qilish va baholash tizimi;

O'quv materiallarini taqdim etish – talabalarga elektron kitoblar, metodik qo'llanmalar va darsliklarni taqdim etish;

Idoralararo integratsiya – professor-o'qituvchilar, ma'muriyat va talabalar o'rtasidagi o'zaro hamkorlikni ta'minlash.

Masofaviy ta'lim jarayonlarini boshqarish axborot tizimi

Masofaviy ta'lim shaklida talabalar va o'qituvchilar o'rtasidagi muloqot asosan internet orqali amalga oshiriladi. Bu tizim quyidagi imkoniyatlarni taqdim etadi:

Onlayn platformalar orqali o'qitish – Moodle, Google Classroom, Coursera kabi platformalar yordamida darslarni tashkil etish;

Virtual sinfxona va vebinarlar – Zoom, Microsoft Teams, Google Meet kabi vositalar orqali darslarni onlayn o'tkazish;

Avtomatlashtirilgan baholash tizimi – testlar va imtihonlarni onlayn tarzda o'tkazish;

Kontent boshqaruv tizimlari – dars materiallarini internet orqali talabalarga yetkazish;

Foydalanuvchi faoliyatini monitoring qilish – talabalarining o'quv faoliyatini kuzatish va tahlil qilish.

### **Xulosa**

Oliy ta'lim tashkilotlarida masofaviy va an'anaviy ta'lim jarayonlarini boshqarish uchun axborot tizimlari muhim o'rin tutadi. An'anaviy ta'lim tizimida dars jadvalini avtomatlashtirish va baholash jarayonlarini yuritish muhim vazifa bo'lsa, masofaviy ta'limda esa virtual muhitni yaratish va o'quv jarayonini masofadan boshqarish ustuvor ahamiyatga ega. INTI va TIUE universitetlari o'rtasidagi hamkorlik masofaviy va an'anaviy ta'lim tizimlarining eng yaxshi amaliyotlarini birlashtirish imkoniyatini taqdim etadi. INTI universitetining xalqaro darajadagi ta'lim imkoniyatlari va TIUE xalqaro universitetining interaktiv va innovatsion ta'lim modellari bu sohadagi rivojlanishga katta hissa qo'shmoqda. Bugungi kunda gibrid ta'lim modellari tobora



keng tarqalmoqda, bu esa har ikkala tizimning afzalliklaridan samarali foydalanish imkonini beradi.

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An abstract graphic featuring a complex network of interconnected nodes and lines, resembling a molecular structure or a digital network, set against a dark blue background. The nodes are represented by circles of varying sizes, and the lines are thin, light blue, creating a web-like pattern that fills the upper two-thirds of the page.

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