

The European project #101082221
"New master's degree and training course programs in the field of medical engineering in
Uzbekistan"

UzMedEn

Topic: ERASMUS-EDU-2022-CBHE-STRAND-2

Type of action: ERASMUS Lump Sum Grants

Financing institution:

the **European Education and Culture Executive Agency (EACEA)** ('EU executive agency' or 'granting authority'), under the powers delegated by the European Commission ('European Commission'),

The coordinator:

1. **ANDIJON MASHINASOZLIK INSTITUTI (AndMI)**, PIC 923620033, established in BOBUR SHOH KUCASI 56, ANDIJON 170019, Uzbekistan,

other partners:

2. **BUKHARA STATE MEDICAL INSTITUTE (BSMI)**, PIC 933000030, established in NAVOI STREET 1, BUKHARA 200118, Uzbekistan,
3. **BUKHARA ENGINEERING TECHNOLOGICAL INSTITUTE (BETI)**, PIC 934163739, established in 15 K MURTAZAEV STREET, BUKHARA 200100, Uzbekistan,
4. **TOSHKENT SHAHRIDAGI TURIN POLITEXNIKA UNIVERSITETI (TTPU)**, PIC 934160829, established in KICHIK HALQA YULI STR 17, TASHKENT 100095, Uzbekistan,
5. **ANDIJAN STATE MEDICAL INSTITUTE (ASMI)**, PIC 888057214, established in Y.OTABEKOV 1, ANDIJAN 170019, Uzbekistan,
6. **TOSHKENT SHAHRIDAGI YEODJU TEXNIKAINSTITUTI MAS ULIYATI CHEKLANGAN JAMIYAT (YTIT)**, PIC 903791875, established in USMON NOSIR STREET 156, YAKKASARAY DISTRICT, TASHKENT 100121, Uzbekistan,
7. **TOSHKENT AXBOROT TEXNOLOGIYALARI UNIVERSITETI (TUIT)**, PIC 933893109, established in AMIR TEMUR STREET 108, TASHKENT 100200, Uzbekistan,
8. **RIGAS TEHNISKA UNIVERSITATE (RTU)**, PIC 999920718, established in KIPSALAS IELA 6A, RIGA 1048, Latvia,
9. **VILNIUS GEDIMINO TECHNIKOS UNIVERSITETAS (VILNIUS TECH)**, PIC 999647857, established in SAULETEKIO AL 11, VILNIUS LT-10223, Lithuania,
10. **MINISTRY FOR HIGHER AND SECONDARY SPECIALIZED EDUCATION OF THE REPUBLIC OF UZBEKISTAN**
11. **TIBBIYOT TEXNIKALARIGA XIZMAT KO'RSATISH O'QUVISHLAB CHIQRARISH MARKAZI**
12. **"MAKRO FARM ANDIJAN" Ltd**
13. **CENTER OF DEVELOPMENT OF MEDICAL EDUCATION MINISTRY OF PUBLIC HEALTH OF THE REPUBLIC OF UZBEKISTAN**

Brief description:

The project is addressed to solve the lack of specialists in installing, maintenance, management of medical devices in Uzbekistan.

The main objective of the project is to develop a master's program and training courses in the field of medical engineering using new medical technologies in Uzbekistan through innovative curricula that meet world market requirements and EU best practices.

Objectives of the project: Developing standards and curricula, courses, teaching methods and materials; Developing and implementing new four training courses;
Developing and publishing a new generation of handbooks;
Establishing the laboratories, Regional Training Centers and Medical engineers Society;
Testing, adapting and accrediting curriculum, materials and methods;
The involvement of females, migrants and people suffer from social and economic barriers to the training courses and master's programs

Outcomes:

1 ECTS-accredited Master Program in Medical Engineering;
12 new developed courses for the master program;
4 new training course programs;
1 web platform for sharing the four training materials (manuals, presentation and video) in MOOC;
7 student labs and 3 Regional Training centers;
Medical engineering society based on the training center;
80 master students will study with the new curricula in a year;
More than 200 technicians and unemployed people will be trained at the training centers in a year;
49 academic staff and specialists will train at EU partners;

Given the challenges, **this project focuses on the Erasmus program's** "Sustainable Growth and Jobs" priority, which meets the needs of the relevant region. The project proposal is based on the analysis of the needs of partner universities and focuses on the development of higher education systems in the field of medical engineering in accordance with the Lisbon Strategy and the Bologna Process in Uzbek universities.

Total grant: 471 588.00 EUR

Duration: 36 months; 2022, December 12, -2025, December 12.