MODERNISATION OF HIGHER EDUCATION IN CENTRAL ASIA THROUGH NEW TECHNOLOGIES (HiEdTec)

link to the project site

About the HiEdTec project

COORDINATOR: UNIVERSITY OF RUSE, BULGARIA

REASONS:

In order to respond to:

- the Digital Transformation of Industries (Industry 4.0), which also requires DIGITAL TRANSFORMATION OF EDUCATION with overtaking pace, **the consortium will develop Concepts of adapting the educational system to the digital generation**, considering the specific conditions of each of the partner countries;
- the requirement of the EU to give the opportunity for EVERYBODY to learn at ANY time and at ANY place with the help of ANY lecturer, using ANY device – computer, laptop, tablet, phablet, smart phone, etc. **the consortium will create Centres for innovative education technologies**.

MAIN PROJECT OUTCOMES AND PRODUCTS:

- Sustainable academic network for sharing experience and exchange of good practices in the field of innovative educational technologies and didactic models;
- 5 Concepts of adapting the education system to the digital generation - 1 per Partner country (PC);
- 15 Centres for innovative educational technologies - 1 at each PC university;
- 45 active learning classrooms - 3 at each PC university;
- Virtual classrooms – 1 at each PC university;
- Handbook of innovative educational technologies;
- Courses for trainers for the acquisition of digital skills and learning methods;
- Courses for lecturers for the acquisition of digital skills and learning methods;
- 75 e-Learning courses - 5 at each PC university;
- 75 PowerPoint presentations of lectures, suitable for delivering using interactive electronic white board - 5 at each PC university;
- Cloud-based Virtual Library of the digital educational resources.

IMPACT:

- The project products will be of benefit for all stakeholders in education:
  - National and university policy-makers in the field of education;
  - University academics who are trainers / lecturers / learners;
  - Scientific, economic and social partners.
- The project will help to turn partner universities into innovative universities and to improve the quality of the trained specialists, who are necessary to perform the Digital Transformation of Industries (Industry 4.0).

Aims & Objectives

The consortium's main aims are:

- adapt the education system in the PCs to the digital generation through the introduction and effective implementation of ICT-based innovative educational technologies and didactic models in the teaching process;

- enhance the international dimension of education and training through strengthened links between the EU and PCs universities, exchange of expertise and good practices in the areas of digital pedagogies and IET.

Specific project objectives are to:

1. develop a Sustainable academic network for sharing experience and exchange of good practices in the field of IET and didactic models by August 2019. The network will initially comprise of project PC universities, but it will be open for other HEIs in the PCs to join at a later stage. It will continue functioning after the official project end, thus contributing to project impact and sustainability improvement.
2. develop Concepts of adapting the education system to the digital generation by December 2019 by taking into consideration the specific conditions of each of the PCs. The goal of the Concepts is to adapt the educational system to the digital generation by introducing and implementing effectively IET and didactic models in the education process, thus providing an opportunity for EVERYBODY to learn at ANY time and at ANY place with the help of ANY lecturer using ANY end device – computer, laptop, tablet, smart phone, etc.
3. create IET Centres, active learning classrooms, virtual classrooms in all PC HEIs by November 2019. A prerequisite for the development of the Centres is the EU requirement for opening up education through new technologies. The boost of digital technologies in the delivery of high-quality teaching suited to the needs of digital learners in the PC institutions requires the opening of suitable learning environments for this purpose, the introduction and piloting of new educational technologies and the training of teaching staff to use them effectively in formal education.
4. organize courses for trainers and lecturers for the acquisition of digital skills and innovative teaching and learning methods by September 2020.
5. develop OERs and a Cloud-based virtual library of the digital educational resources by August 2021.
6. raise awareness of the need to adapt the education system to the digital generation in the PCs institutions and in society at large. All dissemination activities will be directed towards achieving this goal. Special emphasis will be placed on the successful provision of dissemination activities at national level (within the PCs) in order to reach a wide spectrum of audiences and make sure the impact of the project goes beyond the institutions directly involved in it.

By achieving these objectives, the project will help turn the partner universities into innovative universities and to improve the quality of the trained specialists necessary to perform the Digital Transformation of Industries (Industry 4.0).

NEWS & UPCOMING EVENTS

TEACHER TRAINING

In October 2020 year, a distance learning course for staff was organized at TUIT in the framework of HiEdTec by the co-founder of the European Union Erasmus + program.

Professional development courses for teachers on innovative educational technologies (HiEdTec)

Planning and development of courses in a distance learning environment in the framework of the HiEdTec project.

Training period: from 10/10/2020 to 17/10/2020

Course trainer: R. Nasimov, N. Usmanova, M. Rakhimov, Sh. Gulomov

Form of training: online, using the ZOOM platform.

Course Syllabus for Teacher Training

5th project meeting

On July 7, 2020, the fifth meeting of the project "Modernization of higher education in Central Asia through new technologies (HiEdTec)" No. 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP was organized online. The meeting was attended by participants from Bulgaria, Italy, Portugal, Luxembourg and 15 higher education institutions and the Ministry of Higher Education from Uzbekistan, Kazakhstan, Turkmenistan, Tajikistan and Kyrgyzstan.

Agenda

Minutes and main results of the meeting

4th project meeting

On March 10, 2020, the fourth meeting of the project "Modernization of higher education in Central Asia using new technologies (HiEdTec)" No. 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP took place online. The meeting was attended by a total of 72 participants from 15 higher education institutions and the Ministry of Higher Education from Bulgaria, Italy, Portugal, Luxembourg and Uzbekistan, Kazakhstan, Turkmenistan, Tajikistan and Kyrgyzstan.

Agenda

List of participants in the FOURTH VIRTUAL HiEdTec meeting

Minutes and main results of the meeting

3rd project meeting

On december 02-06, 2019 the third meeting of the project "Modernization of higher education in Central Asia through new technologies (HiEdTec)" No. 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP was held at the Tashkent State University of Economics of Uzbekistan . The meeting was attended by participants from 15 higher education institutions and the Ministry of Higher Education from Europe, Bulgaria, Italy, Portugal, Luxembourg and Central Asia, Uzbekistan, Kazakhstan, Turkmenistan, Tajikistan and Kyrgyzstan.

Agenda

Minutes and main results of the meeting

2nd project meeting

On July 1-5, 2019, the second meeting of the project "Modernization of higher education in Central Asia through new technologies (HiEdTec)" No. 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP was organized at the Almaty University of Technology in Kazakhstan. The meeting was attended by participants from 15 higher education institutions, embassies and the Ministry of Higher Education from Europe, Bulgaria, Italy, Portugal, Luxembourg and Central Asia from Uzbekistan, Kazakhstan, Turkmenistan, Tajikistan and Kyrgyzstan.

Agenda

Minutes and main results of the meeting

1st project meeting

On March 11-16, 2019, the first project meeting "Modernization of higher education in Central Asia with the help of new technologies (HiEdTec)" No. 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP took place at Angel. Kancheva in Ruse, Bulgaria. The meeting was attended by a total of 54 participants from 15 higher education institutions and the Ministry of Higher Education from Europe, Bulgaria, Italy, Portugal, Luxembourg and Central Asia, Uzbekistan, Kazakhstan, Turkmenistan, Tajikistan and Kyrgyzstan.

Agenda

Minutes and main results of the meeting

Concepts

- in Uzbek
- in Russian
- in English

Inter project coaching

- in Russian
- in English

The monitoring visit for the HiEdTec project

- in Uzbek
- in Russian
- in English

Recomendation

- in Russian
- in English

Syllabus

- in Russian
- in English

Timetable

- Year 1
- Year 2

Workplan

- Workplan for project year 1
- Workplan for project year 2

List of trainers

- in English