

# OGUZ HAN ENGINEERING AND TECHNOLOGY UNIVERSITY OF TURKMENISTAN

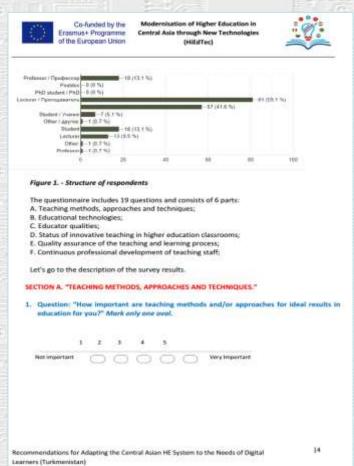
REPORT
OF ACTIVITY BY PACKAGES
WP1, WP2, WP3, WP4, WP5, WP6, WP7





#### **PROJECT MAIN TASKS:**

### Participating in a Google Forms Survey. WHAT HAS BEEN DONE?





Modernisation of Higher Education in Central Asia through New Technologies (HiEdTec)



#### RECOMMENDATIONS FOR ADAPTING THE TURKMEN HE SYSTEM TO THE NEEDS OF THE DIGITAL GENERATION

We recommend that technology will be made available on an equitable basis for use in improving student learning and enhancing teacher's professional development in the country.

Technology includes computers, tablets, smartphones, and other learning tools that can help students with a diversity of learning needs and preferences. In addition, technological tools provide teachers with an enhancual array of strategies for instruction.

For technology to reach its full potential to engage and empower learning, education stakeholders must focus on using it to improve learning outcomes, create new types of transformative learning experiences and delivery systems that better serve students of different circumstances, and collaborate across institutions, educational providers, and other key stakeholders to ensure that system and ecosystem-wide goals are achieved.

#### Promote Excellence in Learning

Instructors should use formative and summative data available to them to systematically and continuously study how students are learning in their courses.

This data can be used to diagnose the learning experience and identify both effective practices that have led to successful learning as well as identify underlying causes of failure, so they can diagnose areas where the learning experience can be improved. This data can be made available through existing course management systems, or generated in real-time through student activities.

institutions should encourage instructors and department leaders to review courses with large failure and withdrawal rates, especially large first-year required courses, and employ technology-based applications, tools, and resources to redesign these courses to support student success. Student success in these courses is especially important because they often have a significant impact on a student's retention or time to completion. Because of their large size, technology can be used to complement the instructor interaction and the available academic and non-academic support.

Educational technology developers should build tools and capabilities into educational technology solutions that can provide diagnostic insights into student learning and generate real-time, actionable data that can be used by students, instructors, and other stakeholders to improve learning outcomes. When developing software or digital content, developers will benefit by providing greater transparency about their software's accessibility features and alignment with standards.

The internet should be available to all schools and higher education institutions. The internet has potential value for networking students and teachers, and to disseminate valuable materials. At the proper level, technological opportunities for professional cooperation and growth of teachers and for creation, based on professional interests.

As the survey reveals, students like the teaching styles that include "multimedia elements in the presentations" and "using mini videos in lectures". Therefore, educational bodies should foster their teachers to do so. In fact, in addition to preparing lecture notes or presentations, instructors,

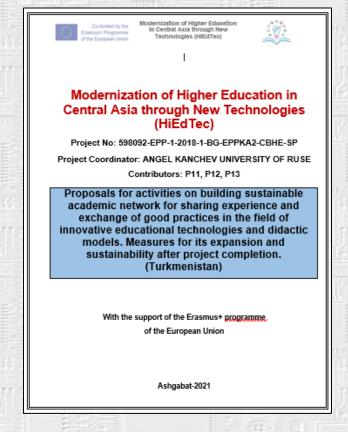
Recommendations for Adapting the Central Asian HE System to the Needs of Digital Learners (Turkmenistan)





#### **PROJECT MAIN TASKS:**

Developing a Sustainable Academic Network for sharing experience and exchange of good practices in the field of innovative education technologies and didactic models – concluding contracts with other universities and organization's for developing a SAN.







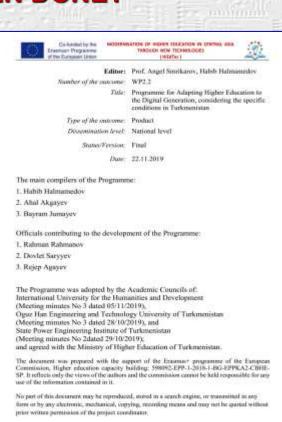


#### **PROJECT MAIN TASKS:**

Developing concept of adapting the education system to the digital generation by taking into consideration the specific conditions of Turkmenistan.

#### WHAT HAS BEEN DONE?





Programme for Adapting Higher Education to the Digital Generalise HELETex



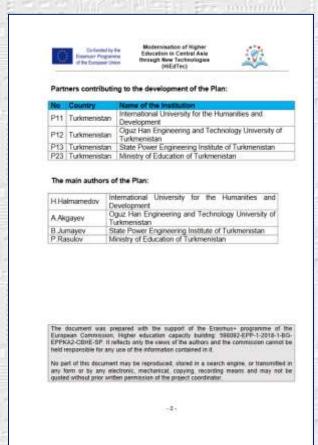


#### **PROJECT MAIN TASKS:**

Developing a sustainable development plan of the concept for adapting the education system to the digital generation in Turkmenistan





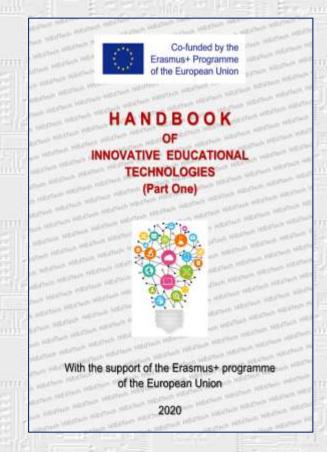


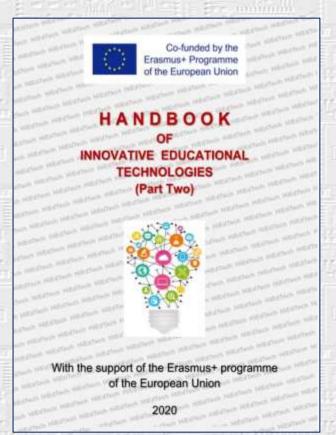




#### **PROJECT MAIN TASKS:**

Publishing a handbook of innovative educational technologies in two versions – paper and internet based.









#### **PROJECT MAIN TASKS:**

Creating a center for innovative educational technologies.









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Creating a center for innovative educational technologies.









#### **PROJECT MAIN TASKS:**

Equipping 3 active learning classrooms.

WHAT HAS BEEN DONE?











#### **PROJECT MAIN TASKS:**

Selecting and using of virtual classroom software in the university.

WHAT HAS BEEN DONE?

**Tree Terminologies** 



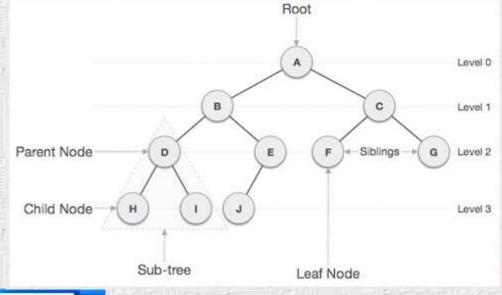
MODERNISATION OF HIGHER EDUCATION IN CENTRAL ASIA THROUGH NEW TECHNOLOGIES (HIEATEC)



#### Project Risk Management

- · Definition and Importance
- · Four ways to handle risks
- Risk Management Processes
  - · Plan Risk Management
  - · Identify Risks
  - · Evaluate Risks
  - · Plan Risk Responses
- · Project Risk by Phases













#### **PROJECT MAIN TASKS:**

Organizing courses for trainers for the acquisition of digital skills and innovative teaching and learning methods.













#### **PROJECT MAIN TASKS:**

Organizing courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods.









#### **PROJECT MAIN TASKS:**

Creating 5 web-based courses. WHAT HAS BEEN DONE?



ODERNISATION OF HIGHER EDUCATIO IN CENTRAL ASIA THROUGH NEW TECHNOLOGIES



OGUZ HAN ENGINEERING AND TECHNOLOGY UNIVERSITY OF TURKMENISTAN

www.ctut.edu.tru

Department of Economics of Innovations

Course: Creative Thinking and Solving Non-standard problems



Dean, Lecturer, Rovishen Ishangulyyev, MA rovishen.ishangulyyev@ctuLodu.im +993 12 39-16-70



MODERNISATION OF HIGHER EDUCATION
IN CENTRAL ASIA
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(HIEdTec)







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OGUZ HAN ENGINEERING AND TECHNOLOGY UNIVERSITY OF TURKMENISTAN

www.etut.edu.tm

Department of Computer Sciences and Information Technology

<u>Course:</u> Data structures and algorithms



Lecturer, Gulshat Orazdurdyyeva gulshatorazdurdyyewa3@omail.com +99364958802





#### **PROJECT MAIN TASKS:**

Creating virtual library with digital educational resources.

WHAT HAS BEEN DONE?





2. Develop programs to digitize the education system by December 2019, taking into account the specific circumstances of each of the partner countries. The purpose of the Digital Generation Adaptation Program is to incorporate information and education technologies and didactic models into the learning process, which will allow everyone to read at any time, anywhere, through any device - computer, laptop, tablet, smartphone,

 Establishment of Information Technology Education Centers, active classrooms, virtual classrooms in all higher aducation institutions of the partner countries by November 2019.

 Organize trainings by September 2020 to teach innovative methods of teaching and teaching digital skills for coaches and teachers.

 Develop a virtual cloud library of educational resources and digital educational resources by August 2021.

To raise awareness of the importance of digital education in the educational institutions of the Partner countries and in society as a whole.

This Virtual Library has been created with the support of European Commission under the Erasmus+ Programme.

KA2 - Capacity Building in the field of Higher Education: 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP

It reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

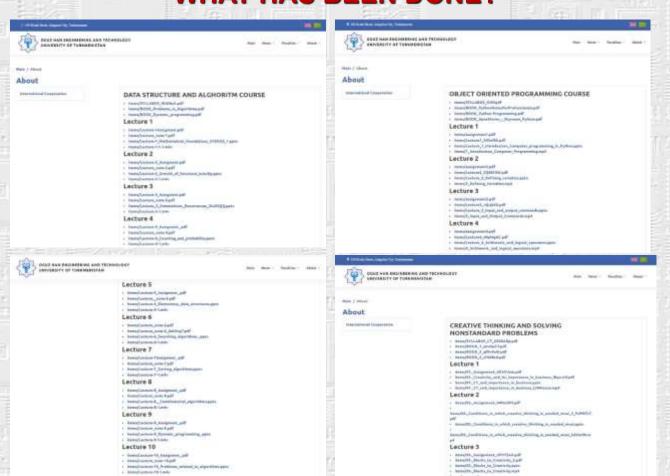




#### **PROJECT MAIN TASKS:**

Creating virtual library with digital educational resources.

WHAT HAS BEEN DONE?







#### **PROJECT MAIN TASKS:**

Creating virtual library with digital educational resources.

WHAT HAS BEEN DONE?

Creating of internal regulations of cloud based virtual library of digital educational resources





universities used in the educational process, as well as providing access to

them for participants in the educational process via the Internet





#### **PROJECT MAIN TASKS:**

Participating in project meetings.
WHAT HAS BEEN DONE?













#### **PROJECT MAIN TASKS:**

Participating in the implementation of the project dissemination and exploitation plan.

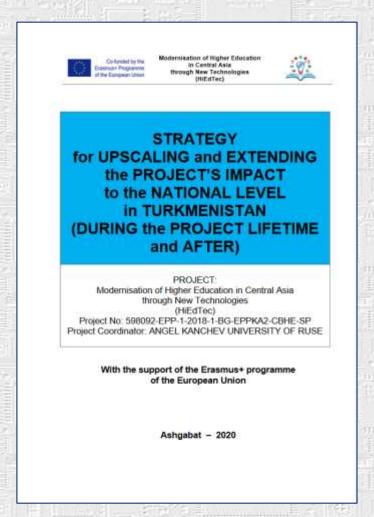
(Dissemination and visibility of the project results)







### Developing a strategy for upscaling and extending the project's impact to the national level









#### Training lecturers from other universities







### Organizing and participating in round tables with presentations about the HiEdTec project



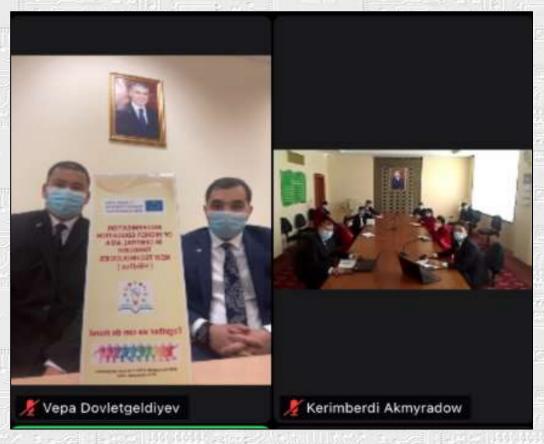








### Organizing and participating in workshops with presentations about the HiEdTec project



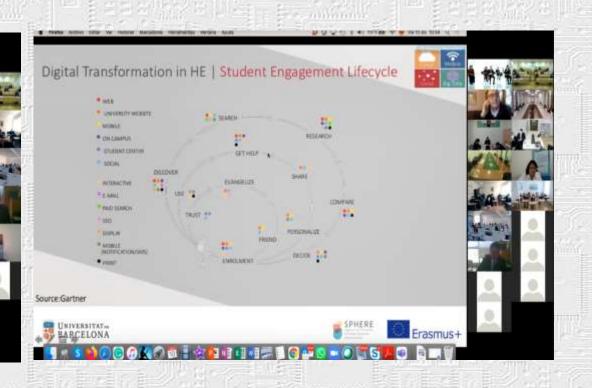






### Organizing and participating in seminars with presentations about the HiEdTec project









# Organizing and participating in conferences with reports about the HiEdTec project







# Publishing information on social networks about the project HiEdTec



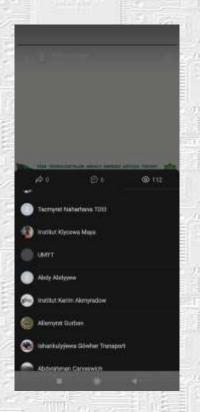
для пассажиров рейса

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Harrison Deb a

Преподаватели Инженерно-технологического университета Туркменистана имени Огуз хана, Международного университета гуманитарных наук и развития, Государственного энергетического института Туркменистана, а также Министерство образования Туркменистана приняли участие на первой рабочей встрече проекта Erasmus+ «Модернизация высшего образования в Центральной Азии через новые образовательные технологии» в г. Русе.









### Sending the address and recommending the virtual library to all universities in Turkmenistan



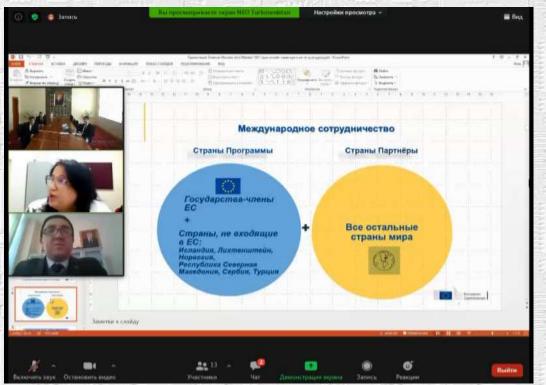






### **Participating in Erasmus days**

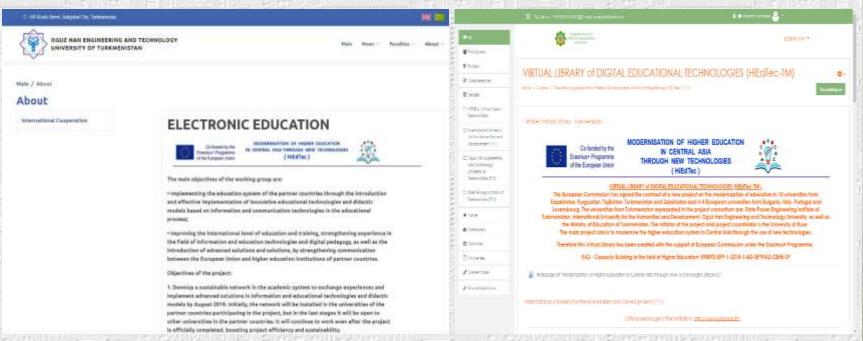








### Other activities related to dissemination and visibility of the HiEdTec project:







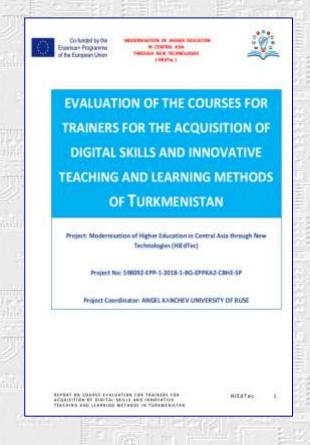


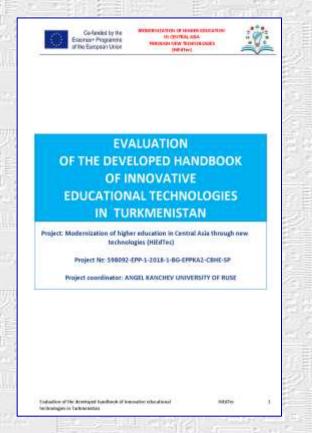
### Participating in the evaluation of the various activities of the HiEdTec project

(Concepts, Handbook, Centres, Active Learning Classrooms, Courses, Open Educational Resources, Meetings, ....)

#### and preparing the evaluation reports











### Appreciate your attention!