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



# **5.8 REPORT ON THE QUESTIONNAIRE FOR THE EVALUATION OF THE COURSES FOR LECTURERS FOR THE ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE TEACHING AND LEARNING METHODS: TURKMENISTAN**

## **PROJECT:**

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

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## **EXECUTIVE SUMMARY**

Report on the Questionnaire for the evaluation of the courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods is prepared in accordance with the training courses which were conducted in Partner HEIs from Turkmenistan.

Evaluation of the courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods will be performed. The quality and benefits of the trainings for the acquisition of digital skills and innovative teaching and learning methods was evaluated considering the specific conditions in Turkmenistan.

An Evaluation of the institutional courses for the acquisition of digital skills and innovative teaching and learning methods will reflect the opinions of the participants. The aim of this evaluation is to determine whether the courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods were duly conducted in accordance with the requirements. This evaluation report will be annexed to the progress reports.

The courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods were organized in accordance with the project of Modernization of Higher Education System in Central Asia through new technologies (HiEdTec), WP5.8.



## **INTRODUCTION**

The purpose of evaluation was to collect feedback about the institutional courses for the acquisition of digital skills and innovative teaching and learning methods. The training courses were organized by the trainers to the lecturers of International University for the Humanities and Development (P11), Oguz Han Engineering and Technology University of Turkmenistan (P12), State Power Engineering Institute of Turkmenistan (P13). Institutional courses or trainings of lecturers were aimed at creating digital skills and innovative methods of teaching and learning, and also consisted of teaching lecturers to use a learning management system, such as Moodle, in the educational process and introduce useful functions of this system in the classroom.

Courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods were attended by Turkmenistan partners, and in the process of their conduct, lecturers acquired skills to improve their teaching methods, and they recognize that these trainings were really fruitful and useful to them. Courses for lecturers for the acquisition of digital skills and learning methods were attended at least by 50 lecturers/teachers from each Partner institution from Turkmenistan (total at least 150). Furthermore, the courses assisted in raising awareness of the need to adapt the education system to the digital generation in the institutions.



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## **PROJECT OVERVIEW**

Trainers trained in digital skills and innovative teaching and learning methods organized courses for lecturers in each Partner HEI in Turkmenistan. The courses were practice-oriented and allowed lecturers/teachers to further use them in the educational process.

The main goal of the project is to adapt the education system in the partner countries to the digital generation by introducing and effectively using innovative educational technologies and didactic models (IET & DM) based on ICT in the educational process.

The consortium consists of 24 full partners - universities from 4 EU countries and 5 PCs. The project will help transform partner higher education institutions into innovative universities and improve the quality of trained specialists needed to carry out the digital transformation of industries (Industry 4.0).

The Project acknowledges the use of technology in transforming learning, developing collaboration solutions, enhancing the role of educators in innovative technology-supported learning environments allowing them to be engaged in professional learning experiences that will prepare to adeptly apply research-based approaches to didactic teaching.



## HiEdTec QUESTIONNAIRE RESULTS

### General information

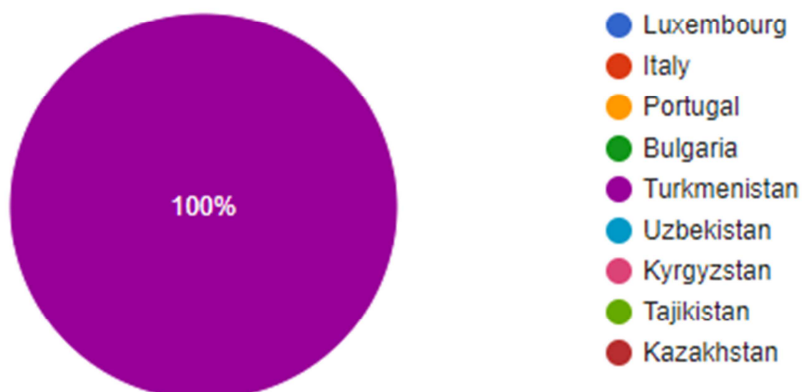
We received in total 152 answers to our questionnaire:

5.8 Questionnaire for the evaluation of the courses for lecturers for the acquisition of digital skills and innovative teaching and learning methods Turkmenistan

#### 1. Which country are you from? 150 responses

1. Which country are you from?

150 responses





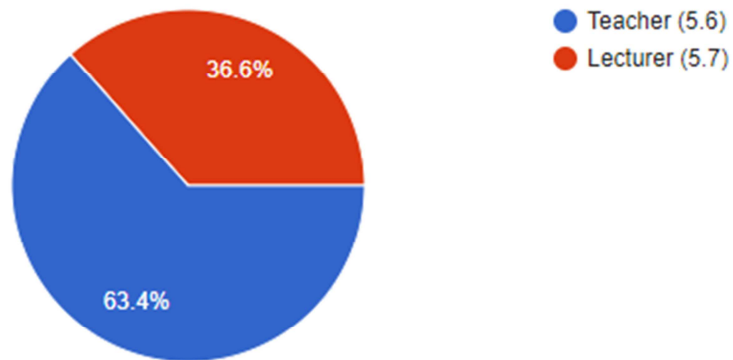
2. Are you referring to training for a teacher or a lecturer? 142 responses

36.6% are the lecturers

63.4% are the teachers

2. Are you referring to the training for a teacher or for a lecturer?

142 responses



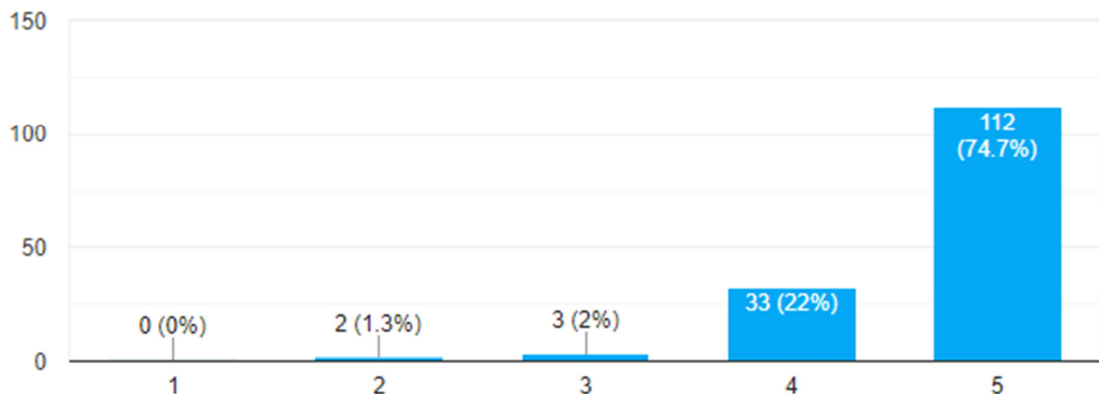
3. Overall, please tell us how well structured the training courses were - 1 means not at all well structured and 5 means extremely well structured. 150 responses

From 150 answers 74.7% of the responders find the structure of training courses extremely well-structured, 22 % as well structured.

3. Overall, please tell us how well structured the training courses were - 1 means not at all well structured and 5 means extremely well structured.



150 responses





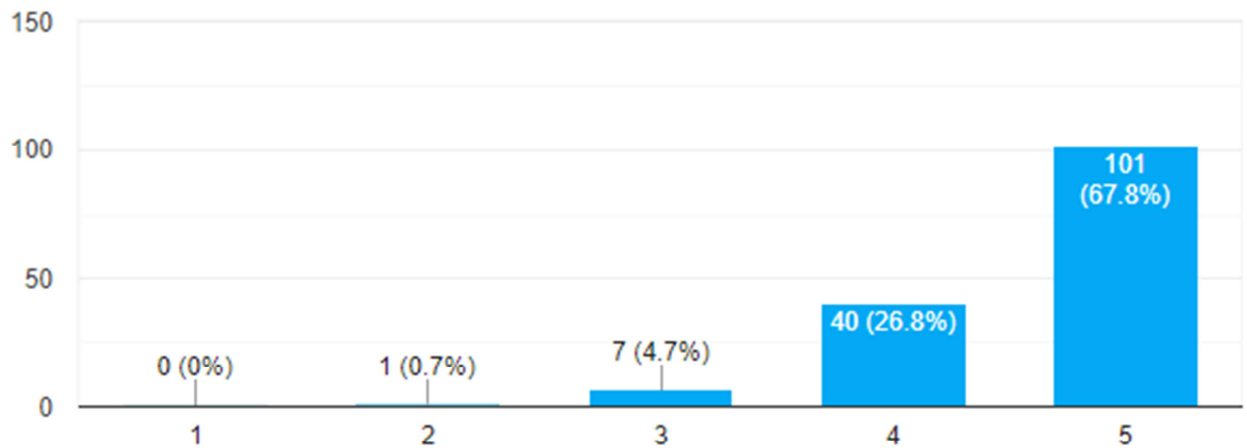


4. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good. 149 responses

*There were 149 answers for this question, from which 67.8 % find the quality of the training course extremely good, 26.8 % as very good.*

4. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good.

149 responses



5. Now we have a few questions about the objectives of the trainings. Please tell us your level of agreement with the following statements about the training courses, using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to you, please select "NA."

The structure of the questions were following:

- **The training objectives were clearly communicated:**

*51 respondents strongly agreed*

*81 respondents agreed*

*16 respondents stayed neutral*

*1 respondent strongly disagreed*

*1 respondent answered not available*



- **The objectives were met:**
  - 58 respondents strongly agreed*
  - 71 respondents agreed*
  - 17 respondents stayed neutral*
  - 1 respondent answered not available*
- **Follow-up actions resulted from the trainings:**
  - 63 respondents strongly agreed*
  - 64 respondents agreed*
  - 19 respondents stayed neutral*
  - 1 respondent disagreed*
  - 1 respondent strongly disagreed*
- **It is clear for what the training is needed:**
  - 73 respondents strongly agreed*
  - 59 respondents agreed*
  - 16 respondents stayed neutral*
  - 1 respondent answered not available*
- **The right people were addressed with the trainings:**
  - 70 respondents strongly agreed*
  - 65 respondents agreed*
  - 14 respondents stayed neutral*
  - 1 respondent strongly disagreed*
- **The technical equipment has been explained sufficiently:**
  - 68 respondents strongly agreed*
  - 61 respondents agreed*
  - 16 respondents stayed neutral*
  - 4 respondent answered not available*
- **The technical equipment is exactly the one explained in the trainings:**
  - 62 respondents strongly agreed*
  - 69 respondents agreed*
  - 16 respondents stayed neutral*
  - 3 respondents disagreed*
- **I use the skills I learned during the training in my institution:**



*66 respondents strongly agreed*  
*62 respondents agreed*  
*16 respondents stayed neutral*  
*1 respondent disagreed*  
*2 respondents strongly disagreed*  
*1 respondent answered not available*

- **I can correctly use and explain what I have learned during the trainings in my classroom:**

*64 respondents strongly agreed*  
*70 respondents agreed*  
*14 respondents stayed neutral*  
*2 respondents disagreed*

- **The trainings are exactly what was needed in the institution to advance the learning processes:**

*73 respondents strongly agreed*  
*60 respondents agreed*  
*16 respondents stayed neutral*  
*1 respondent strongly disagreed*

- **The trainings provided help to develop the teaching in innovative way:**

*73 respondents strongly agreed*  
*62 respondents agreed*  
*12 respondents stayed neutral*  
*1 respondent disagreed*  
*1 respondent strongly disagreed*  
*1 respondent answered not available*

- **The students profit from the innovative teaching:**

*68 respondents strongly agreed*  
*67 respondents agreed*  
*11 respondents stayed neutral*  
*3 respondents disagreed*  
*1 respondent strongly disagreed*



6. We would also like your feedback on the outcome of the trainings. Please tell us your level of agreement with the following statements using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree.

The structure of the questions were following:

- **The trainings will have an impact**
  - 67 respondents strongly agreed*
  - 68 respondents agreed*
  - 13 respondents stayed neutral*
  - 1 respondent disagreed*
  - 1 respondent answered not available*
- **The courses were useful for the teaching at my Institution**
  - 73 respondents strongly agreed*
  - 66 respondents agreed*
  - 8 respondents stayed neutral*
  - 2 respondents disagreed*
- **The things I have learned in the courses will help me to attract better students to the institution**
  - 69 respondents strongly agreed*
  - 65 respondents agreed*
  - 12 respondents stayed neutral*
  - 3 respondents answered not available*
- **The courses will help me to create innovative teaching inside the institution**
  - 76 respondents strongly agreed*
  - 60 respondents agreed*
  - 9 respondents stayed neutral*
  - 1 respondent disagreed*
  - 4 respondents answered not available*
- **The learned information helps me to hold more interesting classes**
  - 76 respondents strongly agreed*
  - 60 respondents agreed*
  - 9 respondents stayed neutral*
  - 1 respondent disagreed*



*1 respondent answered not available*

- **The courses help me to please the needs of my students better**

*69 respondents strongly agreed*

*68 respondents agreed*

*12 respondents stayed neutral*

*1 respondent answered not available*

- **The courses deliver exactly the result that I expected when we started the project**

*77 respondents strongly agreed*

*59 respondents agreed*

*13 respondents stayed neutral*

*1 respondent answered not available*

- **The courses make my life as a teacher easier**

*73 respondents strongly agreed*

*67 respondents agreed*

*10 respondents stayed neutral*

- **The learned information makes teaching more fun**

*73 respondents strongly agreed*

*67 respondents agreed*

*8 respondents stayed neutral*

*1 respondent answered not available*

- **The new learned methods make students learn better**

*74 respondents strongly agreed*

*64 respondents agreed*

*19 respondents stayed neutral*

*1 respondent answered not available*

- **The students seem to have more fun during the classes when I teach them in the new innovative way**

*73 respondents strongly agreed*

*64 respondents agreed*

*12 respondents stayed neutral*



7. If the training was not what you expected, what would you have expected? 13 responses

*Out of the 152 respondents, 13 wrote their opinion.*

- ✓ Nothing;
- ✓ Everything was good;
- ✓ In general, the training was exactly what I have expected, however there might be done more practical activities;
- ✓ Some innovative methods of teaching languages;
- ✓ Quality of teaching;
- ✓ It was interesting, we learned new things;
- ✓ Everything was prepared very well;
- ✓ In overall the training was appropriate, clear explanation of all main objectives.
- ✓ We already implemented some of new learned methods;
- ✓ Trainings are always beneficial for teachers either they are bad or good 'cos they learn at least if the methods are applicable or not for their own classes;
- ✓ The training met the expectations as it followed requirements of up-to-date innovative teaching methods;
- ✓ I was very satisfied with the training;
- ✓ It was grateful.

8. If you disagree with any of the point above in No.5 or 6, please comment here mentioning the reasons. 5 responses

*Answers were given by 5 respondents out of 152. All 5 respondents indicated that they agree with the above points:*

- ✓ No
- ✓ Everything was good
- ✓ I'm agree
- ✓ No disagreement.
- ✓ Agree fully.

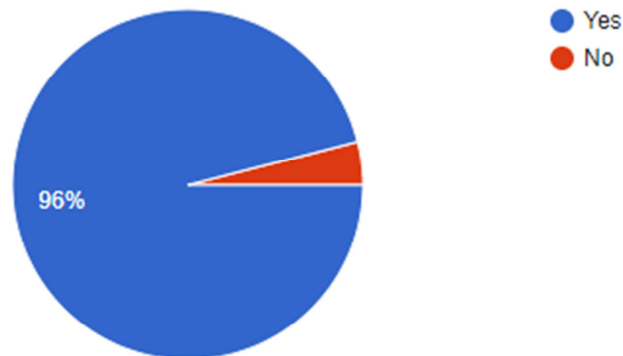


**9. Were the training courses given on time? 150 responses**

*From 150 responses 96% answered "YES"*

9. Were the training courses given on time?

150 responses

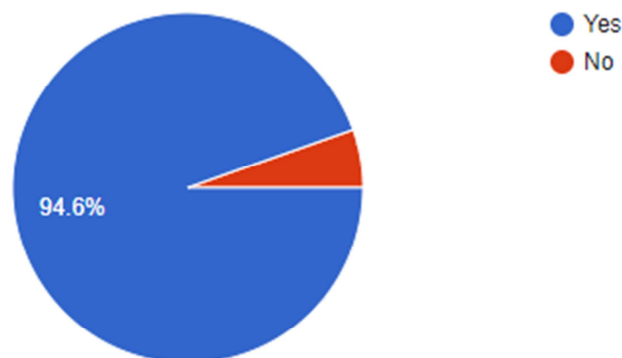


**10. Did you get the chance for comments and criticism?**

*From 149 responses 94.6% answered "YES"*

10. Did you get the chance for comments and criticism?

148 responses





11. If the answer to question 10 was no, what comments or criticism would you have on the training courses? 2 responses

Two answers were recorded

- ✓ *It would be better if there was more trainings such as this.*
- ✓ *My answer was yes.*

12. Any other comments. 57 responses

*Out of the 152 respondents, 57 wrote their comments.*

- ✓ Everything was useful and interesting;
- ✓ It was very informative and useful. It will leave positive objectives. Thanks for all for organizing such type of courses;
- ✓ Thank you for useful knowledge gained through the courses;
- ✓ Gaining teaching skills in the innovative didactic methods are useful;
- ✓ please trains us how to use PP in the distance way;
- ✓ No;
- ✓ Well, overall impression is good, the usefulness of the training is out of doubt;
- ✓ Everything was good;
- ✓ Courses were organized duly, many useful and innovative information;
- ✓ It is always welcomed training, especially in innovative teaching and gaining skills in digital education;
- ✓ Wishing to the team more great successes;
- ✓ We would like to thank the organizers and coordinators of the training courses for all their beautiful efforts;
- ✓ Training and teachers addressed all core points;
- ✓ We would to express our great thanks to the members of the project for their huge contribution in holding the trainings;
- ✓ Courses like this one are of great importance for all teachers in order to gain innovative knowledge;
- ✓ Something new for me;
- ✓ The new learned methods help all teachers to gain innovative skills;





- ✓ We need more information about digital skills;
- ✓ We need a lot of information about distance learning skills;
- ✓ These training course will have a great impact on acceleration of the process of adapting our professional skills and competences to the needs of the digital generation;
- ✓ Good luck;
- ✓ Thanks a lot for all organizing parties for such informative and interesting trainings. Wishing to continue future attendances;
- ✓ Great Job! Thank you;
- ✓ Training was very informative thank you;
- ✓ Digital knowledge is always important, we learnt more things about innovative teaching methods;
- ✓ We wish only the prosperity in the future implementation. As we believe that such type of courses will help to get familiraze ourselves with innovative teaching methods;
- ✓ The new learned methods make student us better to be aligned with new innovative and digital skills;
- ✓ Can we teach via games?
- ✓ It was very informative. Trainers were adequate and well equipped;
- ✓ Everything was organized in high quality;
- ✓ After this course i will change my teaching methods and move to digital learning;
- ✓ It was good and full of interesting things and methods to know;
- ✓ Thanks to all responds;
- ✓ Good job;
- ✓ Everything was useful, Thank you;
- ✓ Such type of training courses help us to understand new digital demands of the present-day education, therefore their importance is of particular greatness;
- ✓ We got many useful information about the digital education methods;
- ✓ Teachers are desperate and in need of such trainings and support in most of remote schools and institutions compared to instructors of high educational establishments in big cities. It would be great to create conditions for any mentor or educator who desires to thrive as an up-to-date compitent professional in front of his or her students;



- ✓ The training courses were organized in a very clear and constructive way, we had a great opportunity to improve our digital skills in planning our courses;
- ✓ Syllabus from UZB was interesting;
- ✓ As these trainings were organized for the first time, in the future I would wish more practical works;
- ✓ Very informative and useful training that we can apply in our work;
- ✓ It is very important that we have such opportunities, because learning new and innovative technologies will contribute for future improving skills and competences;
- ✓ Gaining digital skills is always important for teachers;
- ✓ It is important to follow the last updates in the teaching methodology, therefore thank you for all who conducted this training;
- ✓ Thank you to Mr. Habib;
- ✓ Thank you for introduced with HiedTech project;
- ✓ Everything was Great and understandable;
- ✓ No comments;
- ✓ Everything was good and useful for my profession.



## **CONCLUSION**

This report is an evaluation of the institutional courses for the acquisition of digital skills and innovative teaching and learning methods. As a result, lecturers/teachers learned how to organize innovative courses based on digital skills, how to benefit from Moodle learning management system and how to prepare effective video lectures.

We selected the questionnaire as a methodology for assessing the quality of work and evaluating results for future deliverables.

### **WE CAN CONCLUDE FROM ANSWERS THAT:**

- **The structure of the training courses was well-organized;**
- **The quality of the training was very high;**
- **The level of achieved objectives of the training was very high;**
- **The training was very useful for all users.**