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: TAJIKISTAN

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

Project No: 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP

Project Coordinator: ANGEL KANCHEV UNIVERSITY OF RUSE

Khorog – 2021

Deliverable number:	*5.8*
Title:	*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: Tajikistan*
Type of deliverable:	*Report*
Dissemination level:	*National*
Status/Version:	*Final*
Date:	*March, 2021*

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CONTENTS

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

HiEdTec   3

**MODERNISATION OF HIGHER EDUCATION
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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 Tajikistan.

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 Tajikistan.

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.

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

HiEdTec   4

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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 be the trainers to the lecturers of Khorog State University named after M. Nazarshoev (P8), Tajik Technical University named after academician M. Osimi (P9), Technological University of Tajikistan (P10). 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 Tajikistan 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 Tajikistan (total 155). Furthermore, the courses assisted in raising awareness of the need to adapt the education system to the digital generation in the institutions.

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   5

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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 Tajikistan. 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.

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

HiEdTec   6

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HiEdTec QUESTIONNAIRE RESULTS

General information

We received in total 155 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: Tajikistan

1. Which country are you from? 155 responses
Unfortunately, some respondents by mistake selected wrong country, not Tajikistan!

- Luxembourg / Люксембург
- Italy / Италия
- Portugal / Португалия
- Bulgaria / Болгария
- Turkmenistan / Туркменистан
- Uzbekistan / Узбекистан
- Kyrgyzstan / Кыргызстан
- Tajikistan / Таджикистан
- Kazakhstan / Казахстан
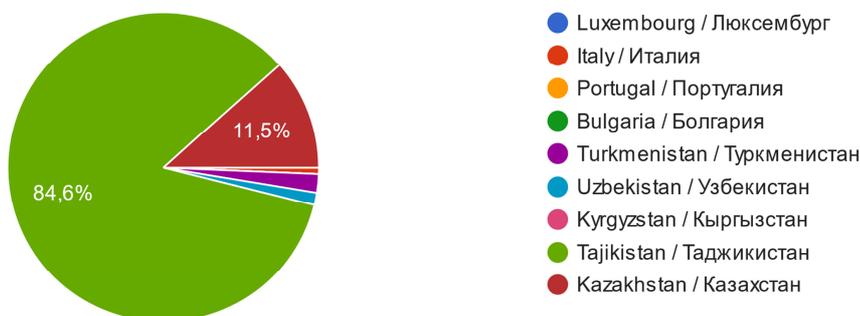
2. Overall, please tell us how well structured the training courses were - 1 means not at all well structured and 5 means extremely well structured. 155 responses
    From 155 answers 76.8% of the responders find the structure of training courses extremely well-structured, 22,6 % as well structured and 0.6 % structured.

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   7

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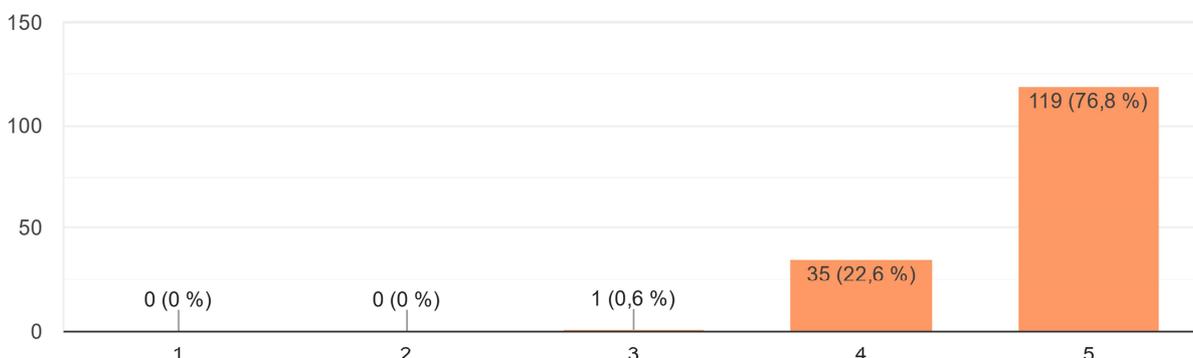
3. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good.

    155 responses

    There were 155 answers for this question, from which 77.4 % find the quality of the training course extremely good, 21.9 % as very good.
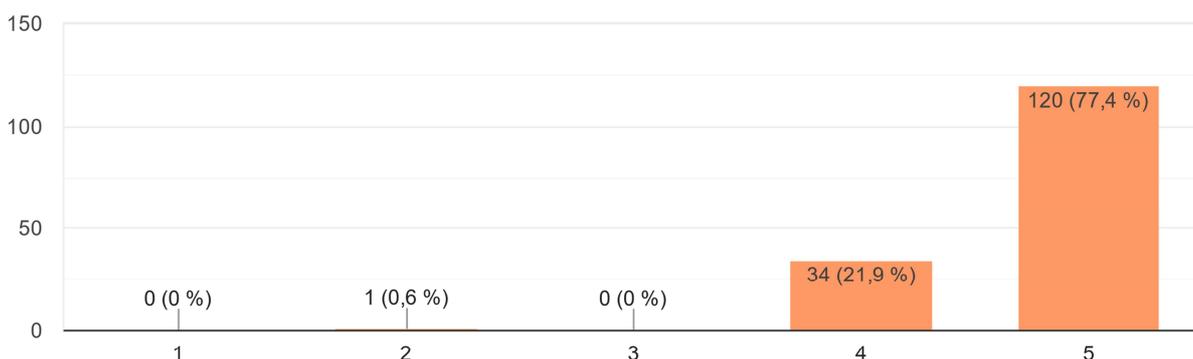
4. Now we have a few questions about the objectives of the trainings. Please tell us your level of agreement with the following statements about the training courses, using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to you, please select "NA."
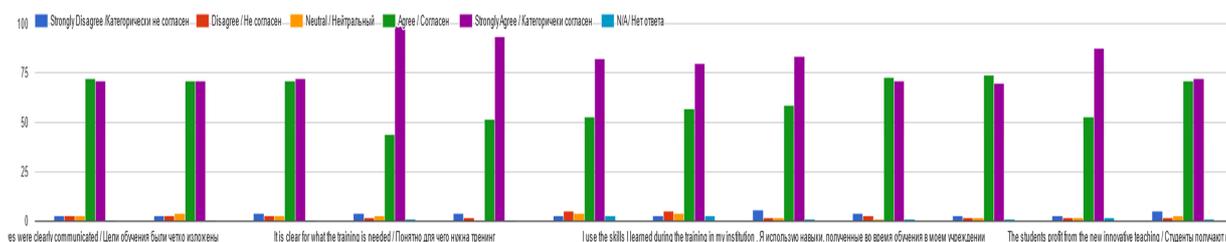
The structure of the questions were following:

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

    71 respondents strongly agreed

    72 respondents agreed

    3 respondents stayed neutral

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

HiEdTec   8

3 respondents strongly disagreed

- **The objectives were met:**

  71 respondents strongly agreed

  71 respondents agreed

  4 respondents stayed neutral

  3 respondents strongly disagreed

- **Follow-up actions resulted from the trainings:**

  72 respondents strongly agreed

  71 respondents agreed

  3 respondents stayed neutral

  3 respondents disagreed

  4 respondents strongly disagreed

- **It is clear for what the training is needed:**

  99 respondents strongly agreed

  44 respondents agreed

  3 respondents stayed neutral

  2 respondents disagreed

  4 respondents strongly disagreed

- **The right people were addressed with the trainings:**

  94 respondents strongly agreed

  52 respondents agreed

  2   respondents disagreed

  4 respondents strongly disagreed

- **The technical equipement has been explained sufficiently:**

  83 respondents strongly agreed

  53 respondents agreed

  4   respondents stayed neutral

  5   respondents disagreed

  3   respondents strongly disagreed

  3   respondents answered not available

- **The technical equipement is exactly the one explained in the trainings:**

  80 respondents strongly agreed

  57 respondents agreed

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   9

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4 respondents stayed neutral

4   respondents disagreed

3   *respondents strongly disagreed*

3   respondents answered not available

- **I use the skills I learned during the training in my institution:**

    84 respondents strongly agreed

    59 respondents agreed

    2 respondents stayed neutral

    2 respondents disagreed

    6 respondents strongly disagreed

    1 respondent answered not available

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

    71 respondents strongly agreed

    73 respondents agreed

    1   respondent stayed neutral

    4   respondents disagreed

    4   respondents strongly disagreed

    1   respondent answered not available

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

    70 respondents strongly agreed

    74 respondents agreed

    2 respondents stayed neutral

    2 respondents disagreed

    3 respondents strongly disagreed

    1 respondent answered not available

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

    88 respondents strongly agreed

    53 respondents agreed

    2 respondents stayed neutral

    2 respondents disagreed

    3 respondents strongly disagreed

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   10

2 respondents answered not available

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

    72 respondents strongly agreed

    71 respondents agreed

    3 respondents stayed neutral

    2 respondents disagreed

    5   respondents strongly disagreed

    1   respondents answered not available

5.   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**

    78 respondents strongly agreed

    66 respondents agreed

    4 respondents stayed neutral

    3 respondents disagreed

    3 respondents strongly disagreed

- **The courses were useful for the teaching at my Institution**

    96 respondents strongly agreed

    50 respondents agreed

    2   respondents stayed neutral

    3   respondents disagreed

    3   respondents strongly disagreed

    1   respondents answered not available

- **The things I have learned in the courses will help me to attract better students to the institution**

    80 respondents strongly agreed

    64 respondents agreed

    5 respondents stayed neutral

    2   respondents disagreed

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   11

3   respondents strongly disagreed

- **The courses will help me to create innovative teaching inside the institution**

    88 respondents strongly agreed

    59 respondents agreed

    2 respondents stayed neutral

    2 respondents disagreed

    2 respondents answered not available

- **The learned information helps me to hold more interesting classes**

    90 respondents strongly agreed

    56 respondents agreed

    3 respondents stayed neutral

    2 respondents disagreed

    2 respondents strongly disagreed

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

    79 respondents strongly agreed

    65 respondents agreed

    5respondents stayed neutral

    3   respondents disagreed

    2 respondents strongly disagreed

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

    87 respondents strongly agreed

    55 respondents agreed

    6 respondents stayed neutral

    2 respondents disagreed

    2 respondents strongly disagreed

    1 respondent answered not available

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

    75 respondents strongly agreed

    67 respondents agreed

    4 respondents stayed neutral

    3 respondents disagreed

    3 respondents strongly disagreed

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

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   12

88 respondents strongly agreed

59 respondents agreed

2 respondents stayed neutral

2 respondents disagreed

2 respondents strongly disagreed

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

    68 respondents strongly agreed

    74 respondents agreed

    2 respondents stayed neutral

    4 respondents disagreed

    2 respondents strongly disagreed

    1 respondents answered not available

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

    77 respondents strongly agreed

    60 respondents agreed

    8 respondents stayed neutral

    3 respondents disagreed

    4 respondents strongly disagreed

    2 respondents answered not available

6. If the training was not what you expected, what would you have expected?

Out of the 155 respondents, 40 wrote their opinion.

- ✓ *What I expected*
- ✓ *Everything was as I expected*
- ✓ *That's all right*
- ✓ *Everything was good enough*
- ✓ *Knowledge that would allow me to develop myself as a modern teacher who owns innovative technologies in the field of teaching students.*
- ✓ *I hope the Trainer improve his training skills*
- ✓ *The training was as I expected*

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- ✓ *The training was good*
- ✓ *Everything was great*
- ✓ *Everything was great*
- ✓ *I would expect that the issues discussed were known to me.*
- ✓ *Virtually*
- ✓ *More practical work*
- ✓ *I have done everything possible*
- ✓ *The training was helpful enough*
- ✓ *The training was informative, I got everything I expected*
- ✓ *N / A*
- ✓ *If the training was not, maybe our lessons were boring or uninteresting*
- ✓ *An innovative approach*
- ✓ *The level of professional skill has been increased*
- ✓ *The training was effective*
- ✓ *It's a pity it would be my time*
- ✓ *Good*
- ✓ *The training exceeded my expectations, I thought it would not be very interesting. But it was super !!!*
- ✓ *I really expected that the trainings will be more seriously conducted*
- ✓ *I expected just such activities*
- ✓ *I expected just such courses*
- ✓ *Then I would try to help the listeners in order to somehow bring the technique closer to the digital generation technique. Thanks for your project.*
- ✓ *In the course, we learned about new technological methods of teaching digital generation*
- ✓ *Was looking for other possibilities*
- ✓ *I like it*
- ✓ *Training met all the expectations!*
- ✓ *My expectations were justified*

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

HiEdTec   14

- ✓ *Indeed, I did not expect such preparation. It was an incredibly good training done at an excellent level.*
- ✓ *I got what I wanted*
- ✓ *Everything suits me*
- ✓ *The training met all of my expectation*
- ✓ *Virtually*
- ✓ *As expected as good!*
- ✓ *The training was as we expected*

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

Answers were given by 19 respondents out of 155. All 19 respondents indicated that they agree with the above points:

- ✓ *I agree*
- ✓ *I agree*
- ✓ *I agree with all of them*
- ✓ *I agree with all the points*
- ✓ *I agree with the questions of the above points*
- ✓ *I would like to thank you for such courses*
- ✓ *I agree*
- ✓ *Not*
- ✓ *I agree with everything*
- ✓ *N / A*
- ✓ *In the classroom, contact with students is more effective. Practical work is very difficult to perform. Skills are not being developed.*
- ✓ *I agree*
- ✓ *I am not qiute sure that the results will be the same as I expected, so in order to gain these results first we have to experiment the classes.*
- ✓ *I agree*
- ✓ *I agree*
- ✓ *Agreed with all points*

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   15

✓ *I agree*
✓ *N/A*
✓ *Agree with clause 5*

8. Were the trainig courses given on time? 155 responses

From 155 responses 98,7% answered "YES"

Yes / Да
No / Нет

98,7%
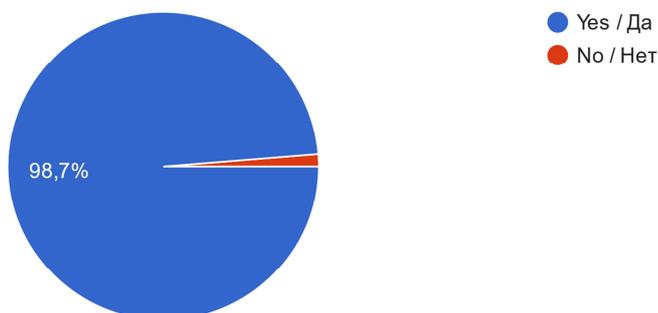
9. Did you get the chance for comments and criticism?

From 155 responses 96.1% answered "YES"

Yes / Да
No / Нет

96,1%
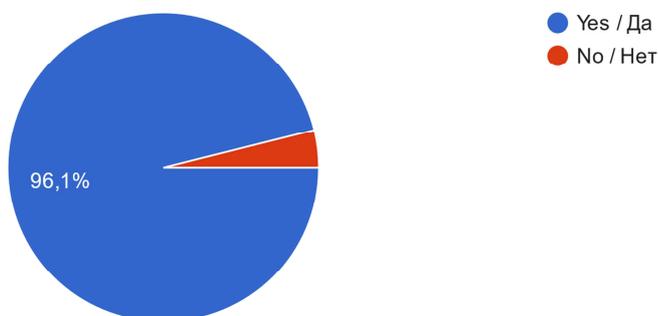
10. If the answer to question № 9 was no, what comments or criticism would you have on the training courses? 11 responses

Answers were given by 11 respondents out of 155.n/a

✓ *The answer is "YES"*
✓ *No*

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- ✓ *Ask the course lecturer to prepare better*
- ✓ *No criticism*
- ✓ *I would require to give me chance to comments or criticism*
- ✓ *The courses were excellent*
- ✓ *There was no feedback*
- ✓ *There was no feedback*
- ✓ *N/A*
- ✓ *Just super*
- ✓ *Did not receive grades and did not evaluate our developments*

11. Any other comments. 30 responses

Out of the 155 respondents, 30 wrote their comments.

- ✓ *Everything was at the highest level, thanks for the courses. They help me a lot during my classes now.*
- ✓ *Thank you very much for the coordinator university and university Coimbra for developing this course. The course was so fruitful.*
- ✓ *courses are very useful and important for teacher*
- ✓ *This is a very good opportunity to learn something new, something that will definitely come in handy in the educational process and help improve it.*
- ✓ *No*
- ✓ *I took part in this training, and I am very happy about it. The courses that were held helped me to attract more students to the lesson. The course helped me create innovative learning within the institution. The information that I received on the course helped me to conduct the classes more interesting. Thank you so much!*
- ✓ *The course was excellent and there would be more such courses*
- ✓ *Thank you for such helpful courses.*
- ✓ *Yes*
- ✓ *Thank. for course*
- ✓ *More courses, more opportunities, quality teaching*

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

HiEdTec   17

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- ✓ *I liked everything, these courses made it possible to acquire the necessary teaching skills, it should also be noted that thanks to these courses, the knowledge gained during the course is useful for further development*
- ✓ *No comments yet*
- ✓ *Good Luck!*
- ✓ *Thanks a lot for this kind of courses...*
- ✓ *I liked the course and it is very relevant*
- ✓ *Everything was fine*
- ✓ *Thank.*
- ✓ *Thank you so much for such trainings and the project in general. Our teachers at the university now use all the methods that they got acquainted with in August and now.*
- ✓ *You need to be more serious in conducting such courses because we need to know everything from the first steps till the end.*
- ✓ *These courses will greatly influence the level of students' knowledge*
- ✓ *Thanks to the organizers of the course. A lot of positives. The technique is excellent. Thank!*
- ✓ *The task that we provided could not, due to the lack of an Internet network, give the time always late*
- ✓ *The lecturers did an excellent job with their tasks. They were able to convey to us the essence, goals and objectives of the training.*
- ✓ *The training courses were fruitful.*
- ✓ *I wish you success in your future work. Everything was great ... Although I participated in only one meeting ... it was already a very steep springboard for me. Thanks you...*
- ✓ *The training course was very productive and applicaple for the CA HEI.The training that was conducted at Khorog State University was very relevant for the labor market of Central Asia*
- ✓ *Classy*
- ✓ *We are grateful for the opportunity to participate in such courses. Thanks to our project and our courses, many of our teachers "woke up".*
- ✓ *Thanks*

REPORT ON COURSE EVALUATION FOR LECTURERS FOR
ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE
TEACHING AND LEARNING METHODS IN TAJIKISTAN

H i E d T e c   18

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.

REPORT ON COURSE EVALUATION FOR LECTURERS FOR ACQUISITION OF DIGITAL SKILLS AND INNOVATIVE TEACHING AND LEARNING METHODS IN TAJIKISTAN

HiEdTec 19