Institute of Electronics and Telecommunications under the Kyrgyz State Technical University named after I. Razzakov

International Telecommunication Union

«CONNECT A SHCOOL, CONNECT A COMMUNITY» INITIATIVE

EVALUATION REPORT
of advanced short term courses on
«COMPUTER SKILLS ON INTERNET AND WEB-TECHNOLOGIES»

Training for trainers

31.03.2014- 25.04.2014

Teachers Staff:	G. Karimova	*signature*
	A. Sarybaeva	*signature*
	K. Zhunusaliev	*signature*
Course manager:	A.Sadyrbaeva	*signature*

Bishkek- 2014

I. GENERAL INFORMATION

PROJECT	«TRAINING FOR TRAINERS»
Main idea:	**Increase access to information and communication technologies, training in modern information technologies and improvement of rural schools teachers' skills.**
Objective:	To organize short term courses for teachers in rural schools on infocommunication and web-technologies.
COURSE NAME:	**Short term courses «Computer skills on internet and web technologies»**
Main idea of course:	The purpose of this course is to teach the teachers in rural schools to operate productively in the information space of the Internet to achieve their communication, technical skills during the designing sites. Training teachers in rural schools the basics of working with information resources in the Internet, the basics of markup language HTML, CSS using methods, the basics of creating sites in the Internet. The program content is oriented to formation of experience in the using of Internet technologies for the professional tasks and skills, development of web-sites: 1) introduce the types of web sites, their functional, structural and technological features; 2) build skills of elementary design, construction, placement and maintenance of the web site; 3) give primary skills of programming in HTML, and the basis of CSS; 4) introduce the basics of web design; 5) build skills to work in teams with complex web projects.
Expected results of training:	As a result of this course participants should: **to know:** 1. principles and structure of the "World Wide Web", the presentation of information on the Internet; 2. kinds of websites; **be able to:** 1. find , save and organize the necessary information from the network using available technologies and software; 2. have the skills to work with different browsers (IE, Opera, Firefox, Chrome, etc.) and finding information via Internet; 3. design, produce and host a Web site ; 4. program in HTML; 5. use basic principles of web design in creating of web pages the, CSS and to analyze and formulate its own position in relation to their structure, content, design and functionality; **have skills:** 1. means necessary to design, create, organize and update the website. Successful learning in this course provides a solid foundation for further study of web-based technologies.

DATE OF COURSE:	
Start Date:	*31.04.2014*
The End Date:	*25.04.2014*
Duration:	*20 days (4 weeks)*
Evaluation Date:	*06.05.2014*

Project Manager:	*Director of Institute*	*signature*	Prof. B.Nurmatov
Course Staff :	Course Manager	*signature*	A. Sadyrbaeva
	Senior Lecturer	*signature*	G. Karimova
	Senior Lecturer	*signature*	A. Sarybaeva
	Teacher Alippe TV	*signature*	K. Zhunusaliev

II. COURSE CONTENT

2.1. Technical environments for training

Courses were organized for rural school teachers from Osh, Talas, Naryn, Issyk-Kul regions of the Kyrgyz Republic. Classes were held in multimedia classes, which equipped with multimedia classrooms and computers with Internet access.

2.2. Course program

1st day		
Time	**Themes**	**Used materials and responsible person**
09.00-09.20	**Welcoming, opening training**	**Presentation**
09.20-10.00	**Introduction to subject**	**Presentation**
10.00-10.30	**Coffee Break**	
10.30-12.30	**Introduction to Internet** – What is the Browser (theory)? – How to work with browser (practice)? – Change browser settings? – Searching information in Internet Copy information to computer. – Classification of sites – What is the Email? – Email service. – Creating email. – Sending and receiving messages. – Browse file to the letter. **Provider**. – What is the provider? – Provider in Kyrgyz Republic	**Presentation**
12.30-13.30	*Lunch* time	
13.30-14.00	Review of daily materials *Task*	**Used materials** **Video lessons**
14.00-15.00	Web page, Introduction to HTMLtechnologies – What is Web page? – What is the Hyperlink? – How to create Hyperlink? – Creating web-page in text editor MS Word – Creating hyperlink in text editor – Classification hyperlinks	**Presentation** **Video lessons**
15.00-15.30	**Coffee Break**	
15.30-16.50	Review of daily materials *Practice tasks:* – Create web-page in text editor MSWord – Create several copies web-pages – Create hyperlink every page into main page	**Used materials** **Video lessons**
16.50-17.00	*Blank form: Proposes for the next lessons, questions*	

2nd day		
09.00-09.30	**Previous days' materials review**	

09.30-10.30	– Main structure of HTML documents
	– What is a "tag", attributes
	  – title and
	    paragraphs in HTML pages(<p>,<h>)
	– Tags and attributes for list and
	  marking HTML pages (,)
	– TAG and creating hyperlinks(<a>)
		Presentation
		
		Video lessons

10.30-11.00	**Coffee Break**	
11.00-12.30	**Practice** *Tasks* : – Create 1-HTML page – Use tags and titles and forparagraphs – Enter marking and lists – Create link to the another page – Enter images into page – Create links to the images	**Presentation**
12.30-13.30	*Lunch time*	
13.30-14.00	**Practice discussion**	
14.00-15.00	**TAG and (*proposition*)** – TAG and table(<table>) – Attributes and TAG and table(border, color) – Tagspecify the font settings and his attributes(<font>,) – Tag defining color (<color>) – Insert images into pages (<img>) – Create link from the image (<a>)	**Video lessons**
15.00-15.30	**Coffee Break**	
15.30-16.50	**Practice review** *Task:* – Create table in HTML page – Change settings in the table – Insert table into down of – Change image settings – Create link from the image into another page	**Presentation**
16.50-17.00	***Blank form: Proposes for the next lessons, questions***	**Used materials**
3^d day		
09.00-09.30	**Previous days' materials review**	
09.30-10.30	Cascade Style Sheets(CSS) – Introduction to CSS – Types Selection – Selector of tags – ID Selectors – The class selector – Group selector	**Presentation**
10.30-11.00	**Coffee Break**	

11.00-12.30	**Practice review** **Task:** – Create file style.css. saving – Connect style.css into web-page – Using selectors	**Used materials** **Video lessons**
12.30-13.30	*Lunch time*	
13.30-14.00	**Practice discussion**	
14.00-15.00	**Work with styles** – Properties Font-family? – Properties Font-size – Properties Font-color – Properties Font-style – Properties Font-weight – Text-decoration **Work with text** – Properties Text-align. – Properties Text-indent? **Work with background** – Properties Background	**PresentationVideo lessons**
15.00-15.30	**Coffee Break**	
15.30-16.50	**Practice review** **Tasks:** – Change style settings web-pages – Correct texts and select row – Change screen page – Insert images in screen page	**Presentation**
16.30-17.00	***Blank form: Proposes for the next lessons, questions***	**Использованные материалы**
4th day		
09.00-09.30	**Previous days' materials review**	
09.30-10.30	**Macromedia Dreamweaver HTML Editor** – Download of Macromedia Dreamweaver – Main editor interface – Tools and window properties – Work with window design and code – Creating web-setting – Work with tables – Work with hyperlinks	**Presentation**
10.30-11.00	**Coffee Break**	
11.00-12.30	**Practice review** *Task:* – Create web-page with Macromedia Dreamweaver editor – Create table, – Create link to another page	**Presentation** **Video lessons**
12.30-13.30	*Lunch time*	
13.30-14.00	**Practice discussion**	

14.00-15.00	**Macromedia Dreamweaver (contd.)** − Connection file style.css into web-page − Work with styles − Stylish classes and work with it − Work with web-forms	**Used materials**
15.00-15.30	**Coffee Break**	
15.30-16.50	**Practice review** *Task:* − Macromedia Dreamweaver Editor attaching style.css on the web page − Work with class − Create web-form − (text row, checkbox, button and so on.)	
16.50-17.00	***Blank form: Proposes for the next lessons, questions***	
5th day		
09.00-09.30	**Previous days' materials review**	
09.30-10.30	**Domain and Hosting** − What is domain? − What is hosting? − Free hosting − Replace sites into hosting − Manage sites in hosting	**Presentation**
10.30-11.00	**Coffee Break**	
11.00-12.30	**Practice review** **Task:** − Register in the free hosting − To get domain. − Loading sites in domain − Work with program "total commander"	
12.30-13.30	*Lunch time*	
13.30-15.00	**Testing**	
15.00-16.00	**Rewarding the Certificate**	

Comment Book was created for course participants. Each student should leave opinion about course and give own suggestion according course, teachers, teaching methods and organization of training.
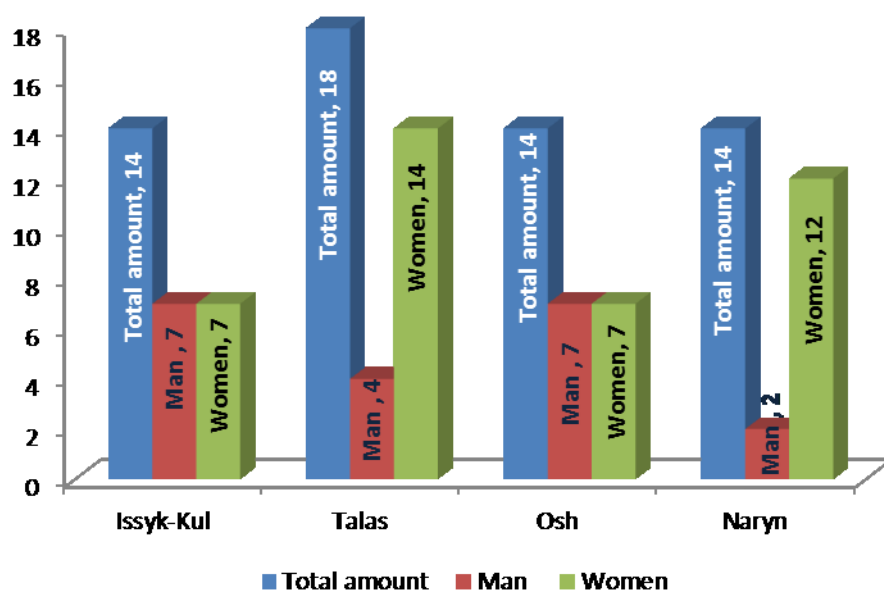
Results of the survey at the beginning of the course

N	Region	Have you participated in previous courses held within the project "School Connect"		Specify what browsers you use most often?					Have you tried creating websites?		Did you work with the program Adobe Dreamweaver?		Have you studied the basics of HTML?		Have you studied the basics of CSS?	
		Yes	No	Opera	InternetExporer	MozillaFirefox	GoogleChrome	do not use the Internet	Yes	No	Yes	No	Yes	No	Yes	No
1	Issyk-Kul	78,57%	21,43%	42,86%	21,43%	0,00%	14,29%	21,43%	21,43%	78,57%	0,00%	100,00%	21,43%	78,57%	0,00%	100,00%
2	Talas	44.4%	55,5%	38,8%	27,7%	5,5%	0%	33,3%	16,6%	83,4%	11,1%	88,8%	22,2%	77,7%	0,00%	100,00%
3	Osh	64,29%	35,71%	14,29%	28,57%	0,00%	42,86%	14,29%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
4	Naryn	78,57%	21,42%	0%	14,28%	0,00%	78,57%	7,14%	14,28%	85,71%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
	Average	**73,81%**	**33,52%**	**23,99%**	**23,00%**	**1,38%**	**33,93%**	**19,04%**	**13,08%**	**86,92%**	**2,78%**	**97,20%**	**10,91%**	**89,07%**	**0,00%**	**100,00%**

2.3. List of Participants

There were 60 rural teachers from different regions of the Kyrgyz Republic and 40 of them were women:

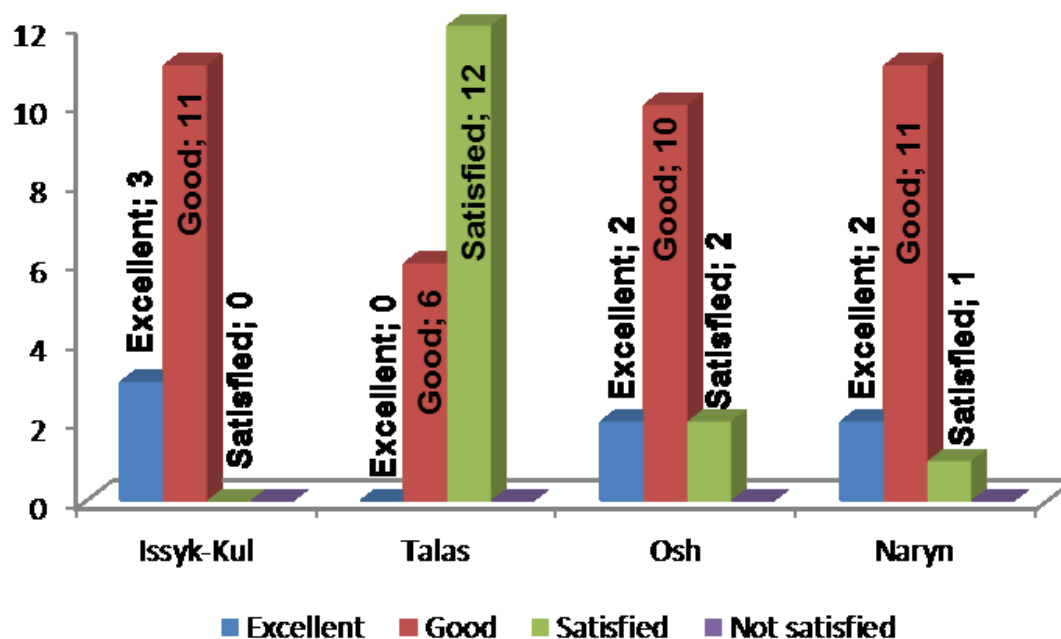| N	Region	Total amount	Man	Women
1	Issyk-Kul	14	7	7
2	Talas	18	4	14
3	Osh	14	7	7
4	Naryn	14	2	12
	Total	**60**	**20**	**40**

III. COURSE TEST RESULTS

3.1. Testing exam

At the end of course participants was tested according passed tutorials. All result papers attached in *Appendix 2*.

N	Region	Excellent	Good	Satisfied	Not satisfied
1	Issyk-Kul	3	11	0	0
2	Talas	0	6	12	0
3	Osh	2	10	2	0
4	Naryn	2	11	1	0
	Total	**7**	**38**	**15**	**0**

Results of the survey at the end of the course

Total amount of participants	You enjoyed the level of the course?		Do you want to participate in the course of the next level?		How you estimate your level of knowledge after a course?		
	Yes	No	Yes	No	Excellent	Good	Satisfied
60	100%	0%	100%	0%	30%	62%	8%

Issyk-Kul

Talas

Osh

Naryn

IV. CONCLUSIONS

On the end of course each participant express his own opinion about course and give own suggestion according course, teachers, teaching methods and organization of training. Teachers noted that courses were very useful and informative.

By results of questioning of participants it has been noticed that:
1. courses have been spent at professional level;
2. courses have helped participants to exchange experience and to strengthen interrelation between schools, to raise competence of use of infocommunication technologies;
3. courses have helped to reestablish communication between school and HIGH SCHOOL

By results of courses following proposals have been made from participants:
1. It is necessary to continue carrying out of courses on programming languages and technology of Internet programming (PHP, MySQL, JScript, Apache, etc.).