# IMPLEMENTATION OF MODERN INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE RETRAINING AND PROFESSIONAL EVELOPMENT PROCESS OF PEDAGOGICAL STAFF

**Azamat Obidov Erkinjonovich**
Scientific Researcher of the National University of Uzbekistan named after Mirzo Ulugbek
**THE REPUBLIC OF UZBEKISTAN**

## ABSTRACT

The article highlights about the role of information and communication technologies in the profound reform of the higher education systems of our country, as well as develop and implementation in practice the education systems based on webinar technology in the higher education institutions to training and professional development of pedagogical staff.

**Keywords**: pedagogical staff, information and communication technologies, retraining, professional development , Webinars, Web sites, e-books, virtual labs, open educational resources, ICT competence, information culture, media competence.

## INTRODUCTION

On 30 May 2002, the first President of the Republic of Uzbekistan signed the Decree "On further development of computerization and introduction of information and communication technologies". This decree was an important step for the creation of favorable conditions in the various sectors of economics, management, business, science and the widespread introduction of information technologies in education and the various layers population for the use of modern computer and information systems.

Not surprising, that by the first President of the Republic of Uzbekistan had given much attention to this sphere computerization, e-government, and other similar concepts as a priority for the development of human consciousness. In particular, «our main purpose is with using of information technology, preparation the modern personalities at the world level and provide education for the younger generation without losing personality[1]».

## LITERATURE REVIEW

The introduction of modern technology in the education system, improvement of the quality of the system, no doubt serve as an increase in labor productivity. The First President of Uzbekistan had noted, "Bearing in mind that, at present time in foreign universities and higher educational institutions of Uzbekistan are being preparing highly qualified staff, it is clear that we have the resources and capabilities necessary for further development of information and communication technologies"[2]. These speeches of the first President of Uzbekistan raises issues of wider introduction of information technology in the education system.

---

[1] Report of the Oliy Majlis of the Republic of Uzbekistan, volume 9, 225-article, 1997 y.,) the law "Kadrlar tayorlash milliy dasturi".

[2] The first President of the Republic of Uzbekistan Islam Karimov, the country's socio-economic development in 2015 and the most important priorities of economic program for 2016, the speeches in the meeting of the Cabinet of Ministers.

At the same time, the introduction of information technologies will create the economic growth of the country. Today, "According to the world's gross domestic product (GDP), the information and communication technologies is about 6% in the world. Information and communication technologies in the gross domestic product of the Republic of Korea accounted for 11.8 %, 7 % in Sweden and 6.8 % in the United States".[3]

## METHODOLOGY

Processes taking place in the world shows that «while the sector of computer and telecommunications technology, software products and a wide range of interactive services based on information and communication technologies are growing, including the role and importance in the global economy»[4].

Including information technology, software tools, training, global internet network, advertising, tourism and other sectors achieved significant results. This Web site, e-books, virtual labs, virtual tours, and can be seen as a virtual reality. The development of modern achievements in the field of information and communication technologies and the introduction of professional teachers of the Massive open online course (MOOC) of Internet opportunities in their professional capacities, including the development of advanced experience in the effective use of the continuous development of information processing and the development of creative skills to use them demand. This, in turn, the operating culture of teachers in higher education institutions, creates the need for the development of ICT competence.

As known, the pedagogue's ICT competence - based on the use of information and communication technologies in education process based on the determination of the effective ways of achieving the results of the ICT pedagogical described in connection with the work of the organization and training of students. ICT Competence is another important factor in the development of ICT in the teaching process on the basis of teachers design and creation of the necessary knowledge, skills and qualifications is considered armed. This function results in providing training and professional development courses and the training of teachers and the establishment of processes and process electronic information and educational resources to work with the formation of new competences is considered an important priority.

In particular, the first President of the Republic of Uzbekistan signed on 16 April, 2012, Resolution « create national system of «e-Learning» implementation of the investment project of education measures». The introduction and use of modern information technology to expand access of information resources of the world .

The education system, the introduction of e-education first and foremost the intellectual potential of society, including the informatization of the education sector in the development of information and educational resources. The world's developed and developing countries, education information, including e-learning, special attention is paid to the introduction of distance learning systems. Webinars on the learning process, especially with the growing number of research focused on the application of technologies (Milovanova G. V. Kulyashova N. M.).

---

[3] http://www.scienceforum.ru/2015/1206/16145

[4] The first President of the Republic of Uzbekistan Islam Karimov, the country's socio-economic development in 2015 and the most important priorities of economic program for 2016, the speeches in the meeting of the Cabinet of Ministers.

**RESULTS**

Webinar ( 'webinar' The English word 'Web-based seminar' an abbreviation of the words, and web-based seminars, training, or equivalent), online seminars, lectures, presentations live system using Web technologies. Each participant, by the Global network can be participate in the Webinar, regardless of geographical location.

Webinar participants through their personal computers Webinar sent by the organizer to participate via the contact link at the right time. Carrying out this type of workshop participants were divided into three groups: the organizer of the seminar, the speaker and the audience. Webinar required only and the main task of the organizers of the appointment of the lecturers, the students formed a group and Webinar date and time, and this information will be sent to participants. Participants in the e-mail address from the e-mail address (URL) to apply to the specified time and can participate in it.

Webinars turn the speaker during the presentation of his boot, and to demonstrate to them a number of options you can use. Webinar evaluation of the audience at the end, or you can use them in order to know the opinion polls.

This technology is the use of the system of retraining and professional development opportunities. In particular, the participating audience in webinars will follow the presentation of the speaker, with a single board design, text chat, individually or in the Association have to participate in the discussion, interview, video and audio inputs and others.

**DISCUSSION**

This, in turn, re-training and skills development in the center of the network to promote the experience of others involved in the classes or teachers through the establishment of centralized reports for all students or other potential participants.

Today, taking into account the above, higher education institutions in the system of training and retraining of teachers and various discussions, online meetings, presentations, training and professional development courses to improve the efficiency of the learning process, on-line tech Webinar system is put into operation. The launch of this system, the first electronic educational resources to work with the teachers, the development of independent information, develop skills and creative approach to the organization of educational process, and secondly, the creation of reports online using this system on a regular basis for an independent self-professional development of teachers and create more favorable conditions. Another distinctive feature of the system is extensive and offers a variety of interactive matched services. This, in turn, improve the quality of education in the process of re-training and professional development undoubtedly make a positive impact on the development of the ICT competence of teachers.

**CONCLUSION**

In conclusion, it should be noted that currently in the  process of globalization information culture, media-competence, open educational resources, and its practical application, the students' knowledge, skills and assessment, training, use of the potential of ICTs for monitoring the results of the pedagogical staff of higher education institutions go to form the necessary skills, such as basic functions, tasks the formation of a positive solution to the re-

training and professional development courses and learning processes are an important factor in the methodology.

**REFERENCES**
**Books**
1. А.Д.Гурбан, "Вебинар как инструмент обучения в образовании," в Информационные технологии в науке, управлении, социальной сфере и медицине: сборник научных трудов Международной конференции с международным участием, Томск, 2014.

2. Милованова Г. В., Куляшова Н. М. "Вебинар как инновационная форма дистанционного обучения" Modern directions of theoretical and applied researches. 2014.
**Websites**
3. "О вебинарах," Вебинармаркет, 2016. [Online]. Available: http://www.webinarmarket.ru/webinfo/about/.

4. "Цифры и факты: степень влияния ИКТ" 2016. [Online]. Available: http://bel.biz/completed/management/dengi/cifry_i_fakty_stepen_vliyaniiya_ikt