Upgrading Higher Education through Open Online Courses

Gulchehra Shadmanova

Sayib Mirzaev

Habiba Karimova

Speaker: Sayib Mirzaev

smirzaev@yandex.ru

TASHKENT INSTITUTE OF IRRIGATION
AND AGRICULTURAL MECHANIZATION
ENGINEERS

Introduction

Online education is an increasingly evolving trend among modern teaching technologies and innovative teaching methods. Online education is widely demanded in the society, as well as mass-promoting organizations and is the object of interest of the state, which seeks to increase its presence in the sector of the educational services market

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

Introduction

The potential of information and communication technologies in education is actively applied in world practice. Initially, individual universities offered separate e-learning classes and distance education courses, but for the last 6-7 years they have been published massively with the help of MOOC technologies

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

Massive open online courses first entered the field of distance learning in 2008, but became very popular in 2012 when projects such as Coursera, Udacity and Udemy attracted the first investment and public attention

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

ˇ In Uzbekistan, the Resolution of the President of 20 April 2017 "On measures for the further development of the higher education system" was the impetus for a fundamental improvement in education and a fundamental revision of the content of training at the level of world standards. According to this document, large-scale work is being carried out in the country to introduce modern methods and forms of training, to improve the orientation of the directions of training of specialists

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

˝ The Resolution of the President of the Republic of Uzbekistan "On additional measures to improve the system of training, retraining and advanced training of personnel in the field of corporate, project management and public procurement" of September 5, 2018 was also an important impetus. "To provide to the highest educational institutions, institutions of postgraduate education, retraining and professional development of shots, irrespective of their forms of ownership and jurisdiction, the right to organize distance learning", - it is said in the document

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

As international experience shows, at the exit the difference between students of ordinary higher education institutions and "online self-taught" is still quite large and not all universities recognize the certificates of education of MOOC as credit units

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

Therefore, the use of MOOC and distance education for advanced training and additional education without the granting of an accredited diploma is well established in international practice and can be applied in Uzbekistan 's practice

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

˝ In Uzbekistan, it is too early to talk about the use of MOOC to grant an accredited diploma

˝ For this purpose it is necessary to have experience of organization of online courses, clear schedule of educational process, structured content of course, strict control and certification of students

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

˝ Application of MOOC technologies in postgraduate training and retraining of personnel will give very good results. At the same time, universities need to be given more independence in their implementation. However, when applying MOOC technologies for training bachelor, master and doctor, the quality of students knowledge should be strictly controlled

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

˝ The spread of the use of MOOC in higher education poses a number of new challenges to universities, but at the same time provides new opportunities for modernizing the educational process. For all the variety of possible ways of using online courses, it is already obvious that the changes that the use of open online courses will entail are significantly wider than the simple replacement of the instructor 's audit workload

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

Universities and teachers will find themselves in a competitive environment, which will become the main driving force in the development of online education. Moreover, online courses will become a tool to optimize and redistribute university spending in favor of more effective methods of contact education, strengthening the integration of science and education

TASHKENT INSTITUTE OF IRRIGATION
AND AGRICULTURAL MECHANIZATION
ENGINEERS

CONCLUSIONS

The use of the available MOOC requires additional training from the teacher:

- Taking an online course at the selection stage

- Work with course materials in parallel with students

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

CONCLUSIONS

Online open access courses will first open new horizons for the student, he will receive:

• The ability to acquire knowledge at the same time at several leading universities

• Make informed choices from a wide range of real knowledge opportunities

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

CONCLUSIONS

For successful implementation of MOOC in Uzbekistan, it is necessary to amend the Law "On Education" and to develop regulations for the implementation of remote entities

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS

CONCLUSIONS

- ˝ In order to further develop MOOC technologies, it is necessary to establish a National Open University and to involve relevant specialists. This university should co-operate with both local and international top universities to provide MOOC in Uzbekistan

- ˝ It is necessary to develop a single national LMS platform through which massive open educational courses will be provided

TASHKENT INSTITUTE OF IRRIGATION AND AGRICULTURAL MECHANIZATION ENGINEERS