VIRTUAL EDUCATIONAL TOOLS AND TYPES USED IN TEACHING AGROBIOTECHNOLOGY

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A R T I C L E I N F O.	Abstract
Keywords: Virtual educational technology, Virtual educational environment, Virtual educational environment, Interactivity, Virtual educational process management systems.	In this article, the content and tasks of the formation of methodological possibilities of virtual education, Virtual educational environment and virtual technologies create new factors for connecting visual images with objective reality, these are the scale of space, the scale of time, the reversal of time, characterized by factors such as modeling unrealistic situations. Nowadays, it is observed that the modern oriented information communication researches are constantly changing the society from the standard industrialized economy to the new economy.

Introduction:

The teacher should no longer keep up with the progress achieved in the field of science, technology and information: the need to expect the quality of education means the need to achieve rapid and professional growth of this development. [1].

Students live in a "special" field of knowledge created by new communication tools that is much richer and more complex than any traditional method of education. With the emergence of information priorities, virtual education can gradually return to self-education. The introduction of multimedia educational products is carried out not only by educational institutions, therefore, the educational process can be carried out directly outside the social institution, but also "with a computer" individually.

The main goal of virtual education, as well as human education in general, is to determine and achieve one's destiny in the real world, including the virtual component. [1].

Virtual education is closely related to distance education, but is not limited to it. It can (and does) occur in the normal face-to-face interactions of teachers, students, and subjects. Distance education technologies make it possible to expand the possibilities of full-time education by increasing the possibility of mutual use of students, teachers, specialists and information complexes located far from each other.

Virtual education is not only distance telecommunication education, but also "the process and result of the interaction of educational subjects and objects, along with their creation, the uniqueness of these objects and subjects" clearly defined by entities" [2]. It can be imagined that the first concept includes a narrow meaning of "virtual education" carried out by a virtual environment.

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The second concept of "virtual education" is a virtual space in a broad sense, a virtual educational space that determines the interaction of interaction subjects, the carrier of which is various electronic and oral, printed communications. is defined as a virtual learning space. If we consider education as a process of social interaction, it will be a virtual process: "If one or more interacting objects (student, teacher) interact in the activity act as subjects of influence, then this interaction becomes their virtual resource. A state different from the state of the same entities before this interaction" [3].

The field of virtual education - it is a space where the student can explore his/her outer spheres through the activity of the student, who spreads widely to the outside world and uses his/her emotional, intellectual and intellectual abilities..

Virtual learning environment - it includes the information content and communicative capabilities of local, corporate and global computer networks organized and used for educational purposes by all participants of the educational process; - Created and developed for effective communication of all participants of the educational process; In contrast to traditional methods of education, the nature of education is communication, indirect, distant, and traditionally "face-to-face". The virtual learning environment combines a rapidly growing, multi-level and multi-functional system:

1) innovative and traditional technologies specific to the interaction of participants in the educational process within the open model of asynchronous individual education;

2) information resources: databases and information, libraries, electronic educational materials, etc.;

3) modern software: software cabins, electronic communication.

The new role of the teacher. New features: Preparation of the educational and methodological set, placement of materials around the virtual learning environment; Conducting an organizational lesson to introduce how the learning process is carried out in a virtual learning environment, how teachers can familiarize themselves with lesson materials, submit assignments, participate in forums, communicate and get to know others; Learning in the environment of future professional activity - learning in an educational environment; Monitoring the effectiveness of course materials;

It puts the teacher in a successful situation because he has the opportunity to improve his skills, gain know-how and quickly evaluate the results of his work and learn the advantages of teaching using modern equipment and technology. to put.

Practical use of the innovative potential of the virtual learning environment: Providing educational processes with necessary educational materials; the relationship between the teacher and the student; exchange of management information in the training system; use of international information networks for communication, implementation of professional pedagogical support, control of information acquisition;

Advantages of virtual learning environment

The flexibility of the student is shown as follows: everything is placed in a convenient place because the trainer is implemented through Internet technologies;

The distance from placement of students to educational institutions is not an obstacle for an effective educational process;

They participate at a convenient time for themselves. Each person has his own biological "clock" and can choose and change the time of classes depending on it:

By building his own didactics, he revises the processes of theoretical and practical training, can refer to the saved materials from previous lessons and can communicate with the teacher through the virtual space.;

Concentrate on specific sections, block each section, module and time required. So you can save time

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by doing it faster;

The costs of the student and the educational system for the implementation of educational activities are reduced in order to effectively use the educational field, time and technical resources. [5,10]

Interactivity

The teacher's independent and conscious choice of a course of study, based on his own assessment of his professional qualifications, certain professional knowledge and skills used in pedagogical practice, other indicators of productivity and educational efficiency. It is determined on the basis of the need to increase to a comparable level in relation to the forms of education.

The teacher in the virtual educational environment, the methodology of the virtual educational environment, the teacher in the virtual educational environment, his role:

In a new form of communication - asynchronous "conversation", virtual discussions are carried out in a different way and serve as an additional tool for developing the ability to reflect in communication, increase the level of logical and abstract thinking of students;

The use of modern technologies (for example, project methodology) as one of the important theoretical bases for the study of virtual associations;

In the process of creating a virtual adaptive environment, which requires taking into account the individual needs of students, adapting to individual differences and developing a new concept and teaching methodology;

These new virtual spaces are associated with various forms of virtual associations and traditional communities to guide professional activities and provide pedagogical support.

Conclusion

When using virtual education, the distance from the placement of students to educational institutions does not hinder the effective learning process, they can attend classes at a time convenient for them.

The fact that they can see and imagine, seeing them serves to develop the mind.

References:

1. Abduqodirov A.A., Pardayev A.X. Masofali oʻqitish nazariyasi va amaliyoti. Monografiya. T.: Fan. 2009. -146 b.

2. Hamidov J.A., Ximmataliyev D.O., Qodirov I.D., Ravshanov J.F., Xikmatullayeva D. "Jahon ta'lim tizimi" fanidan elektron darslik. Davlat patent idorasi guvohnomasi. T.:2022 №DGU 18218.

3. Ганиева Г.Ж. Гендерные исследования в Центральной Азии. ЎзР ФА Шарқшунослик институти илмий тўплами. № 16 сон. Т. 2013, Б.131-136.

4. Hamidov J.A. "Using multimedia technology problems in professional education". Eastern European Scientific Journal/Auris – Verlag.de 2019, № 1. 187-190 стр.

5. Каримова М.Н. (2019) Проблемы и перспективы преподавания предмета" Технология" в общеобразовательных школах. Вестник науки и образования №2-2, (56), стр.17-19

6. Toshtemirov D.E. Ta'lim portali: yaratish tamoyillari, mazmuni va foydalanish metodikasi. Monografiya. Guliston: Universitet. 2015. -156 b.

7. Yuldashev U.A., Xudoyberdiev M.Z., Axmedov T.B. Oʻquv jarayonining sifatini oshirishda zamonaviy axborot texnologiyalaridan foydalanish //Academic research in educational sciences. – 2021. – Т. 2. – №. 3. – С. 1262-1268.

8. Elektron ta'lim boʻyicha Xusan Xolmuratovich Muratovning shaxsiy blogi. x.muratov@cspi.uz

9. Internet sayti. https://www.netinbag.com/hi/education/what-is-virtual-education.htm

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