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TODAY'S ROLE OF ELECTRON EDUCATION IN TEACHING THE SCIENCE OF INFORMATION TECHNOLOGY IN MEDICINE

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Abstract

Living in the age of today's modern technology, of course, we must live in harmony with the times with today's news. Therefore, we educators also need to use information technologies in our pedagogical health, of course, because if we use innovative technologies today, it will facilitate our work and improve its quality. Taking advantage of the development of today's information technology and modern software, I will tell in this article from my own experience about how important and useful electronic platforms are for today's educators.

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Introduction

This article abridges the experience of teachers in data lab a larva with the aim of applying information technology in teaching the science of Information Technology in medicine. I decided to use electronic platforms for the purpose of organizing their independent work, and I decided to conduct my pedagogical activity using electronic platforms organized my electronic courses I made up using Moodle electronic form.

Some of the advantages of this electronic solution are:

- Access your training materials anytime, anywhere. Because Moodle is a web-based solution that also offers a robust Moodle mobile app, students can access course materials from anywhere, anytime. This means that they don't need to be in the classroom or have physical materials on hand. They can progress in their training and participate in their courses when it is convenient and appropriate for their busy schedule;
- Consistent content delivery and feedback. With Moodle, educators have more ways to ensure each student has access to all the types of content they need to explore, including various media plugin options and forums that encourage collaboration. In addition, instructors have comprehensive tools for feedback. For example, they can respond to a student's work with a simple categorization tool, evaluating the work against pre-set criteria;
- Save time for teachers. Moodle is easily integrated with other tools and systems, the electronic journal of the institute, attendance tools, test books and much more. This integration means that

teachers can spend less time registering and managing their students and more time learning.;

- An organized e-learning environment. As already mentioned, since Moodle is able to seamlessly integrate between existing systems, and educational institution can effectively manage training from the center. This helps keep all administrative and training activities more organized, organized, and allows you to store and track this holistic information in one place;
- The possibility of applying mixed approaches to learning. Training has long since faded into the background. However, using Moodle, you can use a mixed learning approach to include different learning materials suitable for specific goals, and different learning styles to effectively evaluate multiple types of formal and non-formal learning. Using solutions such as virtual classrooms, gamification, and other techniques can help create more dynamic courses and positively impact student engagement and overall success. [11-14].

Higher education institutions need a learning platform that will allow them to ensure the success of their students and provide their teachers with a flexible solution that can be adapted to the teaching style of each teacher [10-14]. Moodle, the most widely used and advanced learning management system in the world, can help solve a number of typical learning challenges faced by universities, creating sustainable learning programs that will ultimately improve learning outcomes. [14-16].

Education of a harmonious person and to give modern knowledge and education in the spirit of modern times, tolerance is the main ideas of national ideology and state policy. The implementation of this task, social life is in the focus of attention of state bodies, institutions and public associations. After all, the younger generation is not only our future, but also a participant in advanced ideas for solving current problems. [3-9].

It is well known that the upbringing of a spiritually mature, well-educated, independent thinker and physical offspring is provided by a developed education system and qualified specialists. Information and communication technologies are one of the key industries in ensuring the socioeconomic development of the country[9]. In particular, the use of information and communication technologies in the educational process dramatically increases its quality and efficiency. The entire legal, scientific, technical and organizational base for training, active implementation of information and communication technologies in the educational process is being created in the country. The introduction of eLearning into the education system, including the use of Moodle when teaching information technologies to students in higher educational institutions and the separation of processes, is very effective in accelerating the introduction of new information into the educational process. In addition, the use of electronic resources in the teaching of natural sciences opens up great opportunities for students. In particular, it ensures the integrity and speed of learning. This also makes it possible to quickly get additional information on the topic under study. Therefore, the study of effective methods of using eLearning courses in the educational process, the creation of eLearning resources, is one of the most important scientific and technical issues. [5-9]

Nowadays, there are numerous ways to organize the educational process with the aim of developing the quality of education, whether it is the use of modern technologies or the application of innovative technology or the use of Information Technology Software.

Methods

Today, there is a lot of software available for the organization of electronic education, and our Bukhara State Medical Institute also uses electronic platforms one of these is the Moodle electron platform, which is one of the open platforms used in the advanced countries of the world today.

When teaching these students, I used the LMS Moodle platform, which is one of the electronic platforms that the teaching staff of developed countries uses in their work when I am engaged in teaching activities. With the help of this platform, I taught information technology in medicine, in the

process of completing training sessions on the discipline program, lectures on the topic, practical classes, laboratory classes; I posted all the presentation materials, test questions, video courses. Creating a course on this electronic platform was very simple and interesting for me because here the teacher has the opportunity to independently create a course according to his lesson, and the performance of the program is very good, the creation of the e-course gave me great opportunities even during the transition to traditional training, because in Moodle, information was posted at all annual courses based on the opportunity to come prepared. When a student is preparing for a lesson, it would be interesting to work with them, and good results would be achieved, and students would be delighted with it.

These days, the Covid-19 pandemic in our country, as well as around the world, has had its impact. In order to prevent fraud, all educational institutions in our country have been transferred to an online learning system for a certain period of time: schools, colleges, technical schools, lyceums and higher educational institutions. During this quarantine period, all educational institutions conducted their pedagogical process using various electronic platforms. These were training sessions on television, via the Telegram messenger, via Zoom, through the HMIS application and through the LMS Moodle platform. At our institute, students studying in the national group direction were trained under the Telegram Messenger and HMIS program, while students from foreign educational institutions and students accepted on a contractual basis with foreign educational institutions were trained on the basis of the LMS Moodle program, at the end of the semester, students' knowledge was also obtained on the basis of the same platforms are Moodle and HEMIS platforms. Of course, we had a lot of difficulties in the HEMIS program as a result of testing students' knowledge, we often encountered interruptions in the course of the program, but in the process of working with Moodle system, we did not encounter any difficulties or interruptions. I used both of these programs when teachers were asked which program is convenient to use during a lesson or session, they all said with one voice that the breadth of the Moodle program allows each teacher to use it independently, without any dependence. During this pandemic, some of our students, those who were accepted under the MBBS program, especially a student from New York could not come to our country, and he told us about how well the course was created by fully attending our training sessions through the online Moodle program, and how he extracts a lot of information from this course. He expressed his gratitude to the rector and to the dean of our institute.

Conclusion

In conclusion, we can say that, living in the modern age of computer technology, specialists in all fields, including us, teachers, must keep up with the times, using the latest innovative technologies, new modern electronic platforms in the educational process and changing the methods of transition, of course, our higher education institution will be among the 100 the best institutions in the world. Places. To do this, we, teachers, must be in constant search.

REFERENCES:

1. Asadova Yu.I. Using the moodle platform to organize training the covid-19 pandemic. Education and Innovative research 2021 №1 Page - [44-54] <http://www.interscience.uz>. (In English).
2. Асадова.Ю.И..Использование платформы moodle в традиционном обучении иностранных студентов, принятых по программе mbbs, предмета информационных технологий в медицине.. тезисы международной научно-практической конференции «современные проблемы прикладной математики и информационных технологий» Бух.Ду 485-487 с.
3. Asadova Yu.I. .Using the moodle platform to organize training the covid-19 pandemic. abstracts International scientific and practical conference «modern problems of applied mathematics and information technologies» 482-284 P Bukh.DU.
4. Асадова.Ю.И .Электронно-образовательная платформа - основа проектной деятельности студентов. II Международная онлайн научно-практическая конференция «Актуальные

вопросы фармакологии: от разработки лекарств до их рационального применения» сборник тезисов 6 – 7 мая 2021 года 138-141 с

5. Asadova Yu.I Moodle platform – as a basis for organizing during a pandemic covid-19. Международная онлайн научно-практическая конференция «Актуальные вопросы фармакологии: от разработки лекарств до их рационального применения» сборник тезисов 6 – 7 мая 2021 года 175-176 с
6. Asadova Yu.I. Using the Moodle Platform in Extreme Cases. Central Asian journal of mathematical theory and computer sciences olume: 02 Issue: 06 | Jun 2021 ISSN: 2660-5309 Peg-[13-19] 2021. <http://cajmtcs.centralasianstudies.org/index.php/cajmtcs>
7. Asadova Yu.I Passing the Traditional Lesson with the Help of Open Moodle Platforms.. International journal on human computing studies e-ISSN: 2615-8159 | p-ISSN: 2615-1898. Volume: 03 Issue: 5 |Jul 2021 P-1-8 . <https://journals.researchparks.org/index.php>
8. Asadova Yu.I .The use of Moodle platform in the traditional transition of Information Technology Science in medicine to foreign students accepted on the basis of MBBS program at Bukhara State Medical Institute. Society and innovations Journal home page: Peg-[35-43]. 15 August 2021. <https://inscience.uz/index.php/socinov/index>
9. Asadova Yu.I .The Method of Using the Moodle Platform for the Organization of Teaching in Education (The Introduction of Distance Learning Technologies in the Educational Process).. International Journal of Innovative Analyses and Emerging Technology | eISSN: 27924025 | <http://openaccessjournals.eu> | Volume: 1 Issue: 4.Peg-[30-46].2021. <http://openaccessjournals.eu/index.php/ijiaet>
10. Асадова.Ю.И .Использование современной платформы moodle для самостоятельного обучения студентов на традиционных учебных занятиях. Pedagogik mahorat. Ilmiy-nazariy va metodik jurnal. 4-son (2021-yil, avgust) стр-[10-15]. <https://buxdu.uz/33-pedagogik-mahorat/132-pedagogik-mahorat/>
11. Asadova Yu.I .Using the Moodle Platform for Organizing Training in Education (Introduction of Distance Learning Technologies in the Educational Process. International Conference on Applied Sciences, Conference is organized in the London, United Kingdom on 24-25th September <http://papers.online-conferences.com> Peg-[15-18].2021
12. Asadova Yu.I .Using the Moodle Platform for Organizing Training in Education (Introduction of Distance Learning Technologies in the Educational Process). International Journal of Innovative Analyses and Emerging Technology | Volume: 1 Issue: 4.Peg-[63-67] .2021 <http://openaccessjournals.eu/index.php/ijiaet>
13. Асадова.Ю.И . MOODLE – эффективная система управления обучением для учащихся использование икт в образовании для самостоятельной работы студентов. Ўзбекистон миллий университети 6 октябрь назария ва амалиёт янги ўзбекистонда педагогика фанини инновацион ривожлантириш истиқболлари, Илмий-амалий конференция 2021 Октябр 195-197 с.
14. Asadova Yu. Results of the analysis of the use of the platform in the organization of ducation during the pandemic. Education and Innovative research 2021 №5 Page 191-201 . <http://interscience.uz/>
15. Asadova Yu. The use of electronic platforms for independent learning of students at bukhara state medical institute in Uzbekistan. Information of psychology and pedagogy as interdisciplinary sciences: a collection scientific works of the International scientific conference Italy(13 December,Page 56-60 2021). www.interonconf.org
16. Асадова.Ю.И. Прохождение традиционных уроков с использованием современной

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17. Sobirovich T. B. National and universal principles of democracy //Asian Journal of Research in Social Sciences and Humanities. – 2022. – Т. 12. – №. 1. – С. 334-338.
18. Sobirovich T. B. The implementation of human indicator reforms in Uzbekistan //Asian Journal of Multidimensional Research. – 2021. – Т. 10. – №. 9. – С. 197-202.
19. Sobirovich T. B. Issues of gender equality in uzbekistan: Strategy of reforms //Asian Journal of Multidimensional Research. – 2021. – Т. 10. – №. 9. – С. 203-207.
20. Sobirovich T. B. National Principles of Democracy in Uzbekistan //Mediterranean Journal of Basic and Applied Sciences (MJBAS). – 2021. – Т. 5. – №. 3. – С. 131-135.
21. Sobirovich T. B. Philosophical Dialectics of National and Universal Cultural Development //Irish Interdisciplinary Journal of Science & Research (IJSR). – 2021.
22. Turdiyev B. S. The role of national harmony in the strategy of spiritual renewal //Scientific Bulletin of Namangan State University. – 2019. – Т. 1. – №. 6. – С. 229-233.
23. Sobirovich T. B. Strategy of Renewal of National Spirituality of Uzbekistan //International Journal on Integrated Education. – 2020. – Т. 3. – №. 8. – С. 122-126.
24. Sobirovich T. B., Murodogli I. S. The strategy for the implementation of the modern governance system in Uzbekistan //ACADEMICIA: An International Multidisciplinary Research Journal. – 2020. – Т. 10. – №. 5. – С. 741-748.
25. Sobirovich T. B. Strategy of spiritual renewal in Uzbekistan //International Journal of Psychosocial Rehabilitation. – 2020. – Т. 24. – №. 06.
26. Sobirovich T. B. The criterion of human indicators in development and renewals in Uzbekistan //EPRA International Journal of Multidisciplinary Research (IJMR). – 2020. – Т. 6. – №. 8. – С. 509-511.