Organızatıon Of Applıcatıon Of Informatıon Technologıes In Educatıon In The Modern Perıod
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Abstract
Application of information technology (it) as a part of education is becoming more and more important in modern times. It can help students learn more effectively, teachers manage course materials more efficiently, and educational institutions manage themselves better. The use of it in education allows students to learn the subject better using electronic resources. In addition, the application of it can help educational institutions to perform administrative tasks such as managing financial transactions and facilitating staff management. As a result, it is an important tool for improving the teaching process, increasing student success and increasing the efficiency of educational institutions in the modern education era.
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Application of information technology (it) as a part of education is becoming more and more important in modern times. it can help students learn more effectively, teachers manage course materials more efficiently, and educational institutions manage themselves better. The use of it in education allows students to learn the subject better using electronic resources. In addition, the application of it can help educational institutions to perform administrative tasks such as managing financial transactions and facilitating staff management. As a result, it is   important tool for improving the teaching process, increasing student success and increasing the efficiency of educational institutions in the modern education era.

In other words, the application of information technologies plays important role in improving the efficiency of personnel work and personnel potential. That is, one of the factors affecting the improvement of the efficiency of personnel training is the use of new information technologies. the application of informatization, computer, telecommunication technologies, as well as modern information systems in the field of education ensures the acquisition, generalization, generation, and simultaneous use of knowledge of a new quality. currently, in Azerbaijan, informatization of scientific research works, electronic publications, many scientific-mass, educational, cultural-educational, etc. Type sites-portals, educational programs, information systems, electronic textbooks, distance learning technologies are created. In this regard, innovations in the field of information technologies will have an even greater impact on increasing efficiency in the future.

On the other hand, teachers with real and practical experience should be involved to teach young people who are getting professional and theoretical knowledge. first of all, there should be close cooperation between the business world and higher education institutions. The combination of theoretical knowledge of universities and practical knowledge in business life is important for both parties. considering all this, it can be said that in the modern era, education systems are changing with the introduction of information technologies (IT). Educators, students, and parents gain greater opportunities for communication and collaboration through IT.

Educators can now support student learning with resources and electronic materials. Teachers can also prepare lesson and instructional videos through online platforms so students can study at their own pace. Students can now access study materials more easily through the internet. For this, they can use textbooks available on various online platforms. In addition, students can solve their problems by communicating with teachers or colleagues online.

1. Parents also have the opportunity to be more actively involved in the educational process of students through it. they can track students' enrollment, class schedules and grades through online portal. this ensures that parents can monitor their students' educational process more closely and create a more conducive environment for them to support students.

2. All this shows that the it application makes the educational process easier and more functional, which helps students to participate more actively in the educational process and achieve better results.

3. The following steps can taken to implement IT in higher education institutions:

4. Cooperation of teachers and different departments of the university: to develop applied it courses, teachers and different departments of the institution should come together to work together. It provides teachers with the information and teacher expertise to Develop Applied Programs And To Assess The Needs And Requirements Of Applied Programs.

5. Application of new learning methodologies: to prepare applied lessons in it schools, it is necessary to apply new learning methodologies, for example, solving learning experiences, connections and other interactive methods. This will help improve student learning and produce articulate, creative, solution-seeking students who thrive in the it field.

6. Work experience in the field of applied it: providing work experience to students in applied it schools, connecting them with institutions and companies and creating opportunities to work on applied projects will help students gain real-world experience and increase their position in the applied field.

7. Strong mentoring programs in applied IT: in applied it schools, students should be provided with strong mentoring programs. this will support students to prepare for a successful career in it and to continuously learn.

8. Creation of infrastructure suitable for the field of applied IT

There are several operations for the application of it in higher schools:

1. Preparation of instructional and teaching materials: instructional and educational materials should be prepared for the application of it in higher schools. These materials can include many things, such as course outlines, lessons, tutorials, tests, and notes. Instructional materials will support teachers and help students learn.

2. Technical support of instructional and teaching materials: for the implementation of it in higher education institutions, it is better to work with the support of experienced technical experts in preparing instructional and teaching materials. These experts will be those who have effective experience in technical matters and information technology.

3. Development of laboratories and teaching-educational auditoriums: for the application of it in higher schools, it is important to develop and update laboratories and teaching-teaching auditoriums. This includes providing facilities such as laboratories equipped with all hardware and software, academic auditoriums to provide excellent facilities to students.

4. Organization of technical trainings: in order to apply it in higher schools, technical trainings should be organized. These trainings will provide learners and teachers with new knowledge about information technology and programming language development through individual and group training.

5. Students' practical experience: for it to be implemented in higher education institutions, students' practical experiences should be provided at the greatest possible level. this is a study

practical development of it has many advantages. here are a few:

It is an innovative sector: the it sector is a sector that has been developing rapidly in recent years. new technologies, software and applications are constantly being developed in this sector. it always offers it students something innovative to learn.

Employment opportunities: as the it sector is growing rapidly, job opportunities are also very high. After graduation, students get job opportunities in many industries. In addition, it offers telecommuting so that students can find work from anywhere in the world.

High salary: most of the it workers are highly paid. When students graduate, employers often offer high-paying jobs.

Convenience: it is easier to learn than some other fields because it often requires hands-on experience. In addition, there are many resources and study materials available on the internet to help students improve

themselves.

Creativity: it enables students to be creative. Students can find creative solutions by combining different technologies. It helps students discover their creative side.

The best platforms for it applications vary and depend on the specific it field you want to learn and the device or programming language you use. However, the following platforms are some of the most popular platforms used by many it educators:

1. Coursera: this platform is an online course platform with millions of users worldwide. Coursera has hundreds of different it courses available and offers both paid and free courses.

2. Udacity: udacity is an online course platform sponsored by several major techno companies. Courses offered at udacity include programming, artificial intelligence, database management, and more.

3. Edx: this platform combines courses offered by universities around the world. At edx, both paid and free courses are available.

4. Codecademy: this platform is dedicated to learning programming languages. Users can find courses for both beginners and more experienced programmers here.

5. Khan academy: khan academy offers online courses in several different fields, including math, programming, finance, and more. Free courses are available on the platform.

These platforms are just a few and many more can be added to this list. Whichever platform you choose, pay attention to the course curriculum, pricing, internships, and development opportunities offered.

Moodle is an open source learning management system (lms) and course management platform. This platform provides an interactive experience for the instructor and students, allowing them to easily communicate with each other, with their instructors, and with the course content.

Moodle is a convenient system that can be customized with a fair amount of features and settings to suit your needs. On this platform, teachers can create their own courses, upload content for students and add assessments. Moodle also offers functions for creating groups, creating forums and networking.

Many teachers, students and other educational institutions use Moodle. This platform provides students with an interactive experience and allows students to learn at their own pace. Moodle is also customizable for educational institutions, as it is an open source platform that can be extended for additional students and courses.

Many educational institutions around the world use Moodle. the fact that moodle is open source and free increases its popularity worldwide. moodle is used in many countries, but the most commonly used countries are english-speaking countries such as the united states, united kingdom, australia, japan, canada, and new zealand. however, moodle can be used by any educational institution around the world as it is translated into multiple languages.

Although moodle is an open source learning management system (lms), there are many other lms platforms available worldwide. by the way, several lms platforms other than moodle can listed as options, such as:

1. Canvas: canvas is known for its graphical interface and collaboration features and is used by many large educational institutions.

2. Blackboard: blackboard offers a wide range of features for student and teacher interactivity, courses and applications.

3. Sakai: sakai is an open source lms platform that offers integrated guidance and educational features.

4. Google classroom: google classroom is a free app that adds student and teacher interactivity and learning management with google workspace.

5. Edmodo: edmodo offers a space for communication between students and teachers and supports features for interactive content and assessments.

6. Schoology: schoology offers learning and collaboration features, grading and tracking features, and a personalized learning experience.

This is just a list of a few lms platforms other than moodle. Each platform comes with different functions,

features, and financial requirements, so educational institutions should choose the platform that best suits their needs.

Information technology (it) plays a very important role in the field of education today. In modern times, educational systems generally use different areas of it to make the educational process more effective and useful.

The application of it in education is important for adapting education to the modern age. For example, creating websites for educational institutions, managing the teaching process of teachers through the internet and applications, storing and providing students' data and electronic libraries, creating virtual platforms for collaboration between students, online discussion and testing systems, online tests and training, students' there are various applications such as creating databases to track performance.

Conclusion

It education increases the effectiveness of educational institutions themselves. This is associated with benefits such as easier management of the educational process, faster data processing and storage, detailed statistical data collection and better monitoring of students' activity and performance. Therefore, the application of it in education is an issue on the agenda, and it applications in modern education systems are developing further.

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