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FORMATION OF STUDENTS ' SKILLS IN USING THE INTERNET AND HIT THE DIGITAL TECHNOLOGIES

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The introduction of modern information and communication systems in the field of public administration is an important condition for the effective implementation of socio-economic and socio-political reforms and changes in our country.
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ABSTRACT

This article aims to develop students' thinking skills through the use of the Internet and digital technologies, to increase their level of secular knowledge and to develop them into future professionals.

Keywords and phrases: Web site, www, Internet provider, Internet address (URL), Industry 4.0, Ecosystem.

INTRODUCTION

On April 28, 2020, the President of Uzbekistan signed a decree "On measures for the widespread introduction of the digital economy and e-government."
Resolution No. PQ-4699 was adopted. This document identifies the widespread introduction of digital technologies in the activities of enterprises and public services of the country, training of IT specialists, comprehensive support of IT entrepreneurship and many other pressing issues.
Over the past five years, the processes of economic and social development in our country have been reflected not only in the numbers in the press or on paper, but also in the environment in which we live. Over the past five years, the country has paid great attention to information technology . Accordingly, the level of development has increased.
Most of our students in higher education can use the Internet wisely. It is a requirement of today to study more deeply and to keep abreast of new innovations entering this field.
Therefore, in addition to the lesson, it would be useful to explain to our students the digital technologies that are coming into our lives. It is a requirement of the time to be aware of information technologies in order to use, study and know the processes of medical technological equipment entering our country as a result of the ongoing reforms in medicine .
Medical staff must be constantly on the lookout for new technologies in medicine. Therefore, if our students studying in medical universities are informed about the digitalization of the teaching process, the student's thinking, the level of secular knowledge will increase and become future professionals. For example, as a result of the improvement of medical technology in the field of radiology from year to year, the quality of medical images is also improving. The

number of errors in the diagnosis of burns by doctors based on the image is also declining sharply. By the way, students should have practical skills by mastering the continuous mechanisms of modern medical techniques that can be used in the treatment of the patient, its architecture, programming tools and the process of obtaining images.

In this article, we will focus on some terms and information in the field of digital technologies.

The Internet is a set of global Internet networks , ie a global computer network operating on the basis of a single standard, as well as an information system that unites thousands of local and regional computer networks;

WWW-World Wide Web is a type of spider that provides the organization and use of Internet resources.

A website is a collection of web pages that contain information about a field, activity , event or incident.

Internet provider - a legal entity that provides access to Internet services.

Email is a condition for the rapid exchange of information and messages over the Internet.

Internet address (URL) - addresses of information resources located on the Internet.

Proxi is a service for organizing the use of Internet services by computers connected to the local network through a single communication channel.

Web server - a service for managing the placement and use of web pages, as well as processing user queries.

In the field of digital technology, our students needed to know

Let's take a look at Industry 4.0.

Industry 4.0 or Smart Manufacturing (IioT) The Internet of Things is a collection of physical objects that are connected to the Internet and share information. The IoT concept can significantly improve many areas of our lives and help us create a more comfortable, intelligent and secure world. implies a new phase of the information revolution, which is mainly focused on providing interoperability, automation, machines and real-time data processing. Designed for Industry 4.0 manufacturing, it works with physical manufacturing and smart digital technologies, computer learning and big data to create a more integrated and improved ecosystem for supply chain-focused companies. While every company and organization that operates today is different, they all face a common problem. They provide real-time connectivity and data access to various processes, partners, products and people.

In today's information society, there are 4 types of Industrial Revolutions:

1. This revolution took place in the late 1700s - early 1800s. Production during this time was carried out by humans with the judicious use of water and steam engines or with the help of pets. This is optimized from year to year and loaded on technical devices.
2. At the beginning of the twentieth century, the world entered a second industrial revolution with the introduction of steel and the use of electricity in factories. Electricity generators have allowed the industry to increase efficiency and make factory machines more mobile. At this stage, mass production concepts were introduced to increase productivity, such as conveyor belt.
3. Beginning in the late 1950s, the third industrial revolution gradually emerged as manufacturers began to use more electronic and eventually computer equipment in their factories. During this period, manufacturers began a shift to pay less attention to analog and

mechanical technologies and to know more about digital technologies and automation applications.

4. In the last few decades, a fourth Industrial Revolution, known as Industry 4.0, has emerged. Industry 4.0 has taken it to a whole new level in recent decades through the integration of digital technologies and the Internet of Things (IoT), real-time data access, and the introduction of cyber-physics. Industry 4.0 offers a complete, interconnected and integrated approach to manufacturing. It connects with physical digital communication and allows you to improve interactions with departments, partners, suppliers, products and people. Industry 4.0 allows business owners to better control and understand every aspect of their business and allows them to use fast data to increase efficiency, improve processes and increase growth.

There are hundreds of concepts and terms related to IIoT or Industry 4.0:

- Enterprise Resource Planning (ERP) - business process management tools that can be used to manage information in an organization;
- IoT (Internet of Things) - the Internet of Things, the sensor or connection between physical objects such as machines and the Internet;
- IIoT - refers to the industrialized Internet for things related to production, which refers to the connections between people, data, and machines;
- Big data - refers to a large set of data structured to determine the structure, storage, organization, trends, capabilities of large data organizations;
- Artificial intelligence is a concept that focuses on the ability of a computer to perform tasks and make decisions that have historically had a certain level of human consciousness;
- M2M - passes from machine to machine and represents the connection between two separate machines via wireless or wired networks;
- Digitization refers to the process of collecting and converting different types of information into digital format.
- Smart Factory - Smart Factory, Industry 4.0 requires funding to develop technologies, solutions and approaches;
- Machine l i o qit work - means that computers need to be improved with artificial intelligence
- Cloud Computing refers to the practice of using interconnected remote servers located on the Internet to store, manage, and process information ;
- Data processing mode - means the capabilities of computer systems and machines for real-time , real- time data processing , automated data transmission, and allows the delivery of results to a real-time system ;
- Ecosystem - in terms of production, the ecosystem means the potential connection of all activities - including inventory and planning, financial reporting, customer relations, supply chain management and production indicators ; .
- Physical Systems (SPS) also refers to an industrial environment that supports Industry 4.0, a technology that provides real-time data collection, analysis, and transparency in all aspects of the manufacturing process of cyber-physical systems, sometimes referred to as cyber manufacturing .

There are three ways to help you better understand the meaning of Industry 4.0 in manufacturing:

1. Optimization of supply chain management
2. Analysis.
3. Asset tracking and optimization.

The emergence and introduction of new technologies (manufacturing, financial, management, social, etc.) can lead to a large number of positive effects and outcomes for the economy.

REFERENCES

1. President of the Republic of Uzbekistan Sh.M. Mirziyoyev's Address to the Oliy Majlis . // "Xalq so'zi" newspaper. December 29, 2018.
2. Prygun I.V., Skuratovich O.A. Diagnostics Internet-trading as innovative technology: Uchebnoe posobie. - M .: Delo i Servis, 2009. - 112 p.
3. O'z.R. President Sh .M. Mirziyoyev's Address to the Oliy Majlis. // The word hal q. No. 19. 25.01.2020 y.

WEBSITES

1. http://www.bastion.ru/services/serv39.html
2. https://99firms.com/blog/ecommerce-statistics/#gref
3. https://president.uz/uz/lists/view/3354. The implementation of projects for the construction of technology parks was considered.
4. https://www.emarketer.com / content / globalecommerce2019 Data obrashcheniya: 29.11.2019 .
5. https://www.retail.ru/articles/koronavirus-protiv-riteyla/ . Coronavirus against rite .
6. https://jdcorporateblog.com/covid-19-drives-people-from-cabin-fever-to-healthy-choices/ .
7. www.itu.int is the official website of the International Telecommunication Union and based on data from McKinsey & Company analysis.
8. Deloittes.2019 Global Blockchain Survey.https: // www. deloitte.com / content / dam / Deloitte / se / Documents / risk / DI.2019.
9. As President Mirziyoyev has repeatedly stated in his speeches, one of the priorities for the consistent socio-economic development of Uzbekistan is the widespread introduction of ICT and digital technologies. It is digital technology that is an effective tool for reforming the economy and society.
10. President Mirziyoyev's January 2020 Address to the Parliament and People of Uzbekistan focused on digital development. The announcement of 2020 in Uzbekistan as the Year of Science, Enlightenment and Digital Economy is also symbolic. It was during this period that the fundamental documents that created the regulatory framework for the further development of digital reforms were adopted.