

METHODS OF SEARCHING ELECTRONIC EDUCATIONAL RESOURCES RELATED TO SCIENCE ON THE INTERNET

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Abstract

Professional development requires a great responsibility to work with students on a logical basis of integrated pedagogical processes, to provide them with educational innovations and to achieve development.

Keywords: Internet network, scientific electronic resources, search systems, web browsers, computers, web page, information search.

Introduction

Decrees PF-6108 of the President of the Republic of Uzbekistan dated November 6, 2020 "On measures to develop education and science during the period of new development of Uzbekistan" and "On additional measures to further improve the education and education system" No. PK -4884 dated November 6, 2020 and "Measures to support scientific activities in the field of public education and the introduction of a continuous professional development system - events" No. PQ-4963 dated January 25, 2021 of the Cabinet of Ministers "On approval of the Regulation on the procedure for creating a continuous professional development system for public education workers" dated January 17, 2022 Resolution No. 25. Browser programs are used to search for information on the Internet. Today, many browser programs have been created. Internet browsers provide users with the ability to search for electronic educational resources or use them online. Browsers are programs that provide access to Internet resources and information, and are of the following types:

Internet Explorer, Mozilla Firefox, Netscape Navigator, Opera, Google Chrome, Opera. The Opera browser, which helps to use the Internet, was created in 1994 and is constantly evolving. The browser has many advantages - high speed, thanks to the Opera "Turbo" mode, even with a slow Internet connection, it can quickly display pages. The program can be quickly used again using hot keys.

Web browser is an English word that means "web browser". Considering that this word came to us from the Russian language, and in Russian it is a window.

A web browser is used to download, analyze and display a page located on the World Wide Web, to navigate between pages. A web browser uses the HTTP protocol to download a page and send data to the page. Most browsers work with the FTP protocol and print a list of files in page view mode. The web browser prints the web page in a way that is convenient for you. Based on certain rules, it places images, texts, audio or video data, and various animations



accordingly. In addition, it uses JavaScript codes to send the information you enter on the page to the right place when you go to another page.

After connecting a computer to the Internet, we certainly want to see some information on the Internet. Information on the Internet is presented mainly in the form of a web page (site). Special "browser" programs have been developed to view such web pages. They can be used to view, save, print and much more. Currently, there are many types of such programs. The most common of them are Microsoft Internet Explorer and Netscape Navigator. The first program is free, and the second is commercial (paid). Basically, they perform such actions as opening one or more web pages and displaying information on it. The concept of searching on the Internet means that each user has the opportunity to find the information or material he needs through special search engines. The Internet is an endless ocean of information. Information is stored on millions of web pages on the Internet. In order to find a web page containing the information we need, we need to know its address on the Internet. But the Internet is enriched with new information every hour. Also, some (outdated) information will be removed from the Internet. The addresses of frequently used web pages on the Internet are published in special directories. But it is not possible to obtain complete information from them. Because to print the addresses of all web pages on the Internet, a very large book would be needed. By the time this book is printed, several addresses on the Internet will undoubtedly have changed. This problem was easily solved by creating special search engines. Internet users can search for websites located on the Internet, their addresses and internal information. This allows the user to search effectively and quickly find the necessary information.

The Internet is such an environment that it contains a lot of information in different forms and in different languages. In this case, the problem of finding the necessary information among this information arises. Each user on the Internet uses queries consisting of one or more words in Uzbek, Russian, English or other languages to search for information. That is, information can be searched for by its name or words and sentences included in it. In this case, the user enters a word or phrase related to the necessary information in the search field of the Internet search engine, and the search engine starts. After that, the search engine searches for information corresponding to the word or phrase entered by the user and creates a list of them on the computer screen. Finally, the information in the list is sequentially viewed and the necessary one is saved to the computer.

- The most frequently used search engines include:
- Google.
- Bing.
- Yahoo!
- Baidu.
- DuckDuckGo.
- Yandeks.





Google is a search engine provided by Google. With over 3.5 billion search queries per day, it has a 92% share of the global search engine market. It is also the most visited website in the world. DuckDuckGo is a little-known open-source search engine. Its servers are located in the United States. In addition to its own search algorithm, it also uses results from other sources. Examples include engines such as Yahoo!, Search BOSS, Wikipedia, and WolframAlpha. DuckDuckGo can provide the user with maximum privacy. The system does not collect any information about the user, does not save the search history, and limits the use of cookies. Large search engines try to personalize the results, that is, they collect information about you and try to show the desired results based on this. The downside is that your personal information is stored in the system. If you want them to remain private, use DuckDuckGo.

Microsoft Bing is an Internet search engine owned and operated by Microsoft. This search engine is built on Microsoft's previous search engines: MSN Search, Windows Live Search, and later Live Search. Bing provides users with a variety of search services, including web, video, image, and map searches.

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