

ANALYSIS OF THE DEVELOPMENT OF VIRTUAL LIBRARIES

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Annotation. This article covers virtual libraries, their development, processes of connecting with reality, issues of creating opportunities for users to use resources through virtual libraries, analysis of foreign experience.

Keywords: virtual libraries, users, online services, digital collection, foreign experience.

**ВОПРОСЫ РАЗВИТИЯ ВИРТУАЛЬНОГО ПРОСТРАНСТВА
ЭЛЕКТРОННЫХ БИБЛИОТЕК**

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Аннотация. В данной статье рассматриваются виртуальные библиотеки, их развитие, процессы связи с реальностью, вопросы создания возможностей использования пользователями ресурсов посредством виртуальных библиотек, анализ зарубежного опыта.

Ключевые слова: виртуальные библиотеки, пользователи, онлайн-сервисы, цифровая коллекция, зарубежный опыт.

The era of intense debates around the concept of "virtual" in the meaning of "imaginary", "not existing, but possible", "conditional", "existing", etc., etc. has passed. The main changes in the philosophical and cultural understanding of the idea of virtuality were identified: virtuality as an information technology (cybernetic) space: an environment of technical mediation, an information resource of modern society, a cultural media environment:

- development of library community in social networks and blogs;
- formation of an advanced, high-tech library environment;
- development of mobile technologies in library work;

- increase the possibilities of using services provided by libraries;
- development of library multimedia resources and publications.

Taking into account that this field of activity is one of the new types of activity for many librarians, it is necessary to involve marketers and team managers in the development of libraries, establishing and maintaining relations with their readers and students in the virtual space of libraries. , because the lack of experience in this regard can negatively affect the work.

Virtual network of TATU information resource center and its branches

The activities of the Information Resource Center are regulated by the laws of the Republic of Uzbekistan, decrees and decisions of the President of the Republic of Uzbekistan, decisions of the Cabinet of Ministers, orders of the Ministry of Higher Education, Science and Innovation, Decree No. 552 of the Cabinet of Ministers of the Republic of Uzbekistan dated September 30, 2022. and the decision of the Ministry of Higher Education, Science and Innovation dated November 11, 2022 "Regulation on the University Information and Resource Center", approved on the basis of the Order No. 371 "On Amendments and Additions to the Adopted Normative Legal Documents on Information-Library Activities" Regulation on the procedure for accounting of information-library resources in the information-resource center and the procedure for checking the fund in the information-resource center", "The procedure for maintaining information-library funds of the information-resource center Regulation on "and "Regulation on the procedure for the release of information-library resources from the funds of the information-resource center" and "Rules for using the information-resource center of Tashkent University of Information Technologies", in 2012 "TATU information-resource Regulation on the electronic library of the center", in 2018 "Tashkent University of Information Technologies Information Resource Center as an artistic, scientific, popular and has been ensuring the implementation of regulatory documents, decisions of the university council and orders of the rector's office, such as the "Regulation on the provision of spiritual and educational literature".

In 2024, the total printed stock of the Information Resource Center is 329,776 copies in 46,720 titles. Of these, 192511 copies of educational literature are 6802 titles, 111442 copies of scientific literature are 26767 titles, 11693 titles are 18094 copies, and 1458 titles are 7729 copies of additional publications.

There are 30,957 titles in the electronic resources fund of the Information Resource Center. 35277 of them

- digitized electronic textbooks 4891;

- electronic training manuals 8932;
- electronic fiction 830;
- electronic scientific literature 20624; From this:
- 6000 electronic articles;
- theses are 1350 titles

Access to electronic resources: Virtual libraries provide access to electronic books, journals, databases and other materials. It enables users to search and access information anytime and anywhere.

Availability of the information resource center with modern information library systems (IRBIS, AKBT and other programs, as well as RFID technologies), as well as connection to the Internet (WI-FI) network and its speed. ARM has 4 software. IRBIS, UzNEL, rk.tuit.uz, Unilibrary programs. Available electronic programs include 100% bibliographic records of literature in the ARM fund. An electronic form of educational literature is attached to the UzNEL program. Readers are members. 48314 bibliographic records are included in the IRBIS program, 46654 in the UzNEL program, and 23231 in the Unilibrary program. Internet speed at the university is 100 Mb/s. At the same time, there are Wi-Fi zones in ARM, and the speed of 100 Mb/s meets the demand level.

Online services: Many virtual libraries offer services such as remote analytical services, consulting, information search assistance, and even online courses. Provision of electronic services that provide users with access to information-library resources, use of foreign library resources and scientific and technical databases, formation and management of the center's collective electronic catalog and electronic information-library fund. The site of the information resource center is available at <https://library.tuit.uz/>, and 35277 resources are placed on the site. 6 regional branches of TATU have also created the opportunity to use these electronic resources. The electronic library department has 145 seats, and computers are connected to the Internet.

Virtual libraries have the ability to store and present digital archives, ancient manuscripts, paintings, and other cultural artifacts that are accessible to a wide audience. Libraries use modern technologies and interfaces to provide convenient access to resources, for example, through mobile applications or web portals.

Virtual libraries promote education and culture by making information more accessible and accessible to users.

We list the elements that contribute to the development of the virtual space of the library:

Library site. The main element of the digital environment of a modern library is its constantly updated information resource. The site contains information about the current status and history of the library, opening hours, viewing the electronic catalog, literature reviews, book ratings, and more.

Library blog. It is a tool for promoting library news, sharing experiences in promoting books and reading, informing about upcoming events, new additions to the library collection, and attracting new audiences.

Placement of virtual (electronic) exhibitions. They extend the possibilities of the regular book fair because they contain links to third-party sources, bibliographic lists, graphics, texts and other supplementary materials.

Creating an advanced environment, on the one hand, implies the implementation of systematic work on updating the material and technical base, and on the other hand, updating the content of the electronic resources available in the library. Mobile technologies should attract new users to libraries, and the library's own resources and publications should meet the needs of readers. The development of a virtual environment in libraries offers a number of useful opportunities and changes. These include the following aspects:

- ✓ Availability of resources: Libraries can offer enhanced information resources in a virtual environment, allowing users easy access to a variety of materials.
- ✓ Ease of use: access to library resources through the Internet allows users to access information at any time without leaving home.
- ✓ Interactivity: Virtual libraries can provide interactive platforms for interaction with users, which makes the learning process more interesting.
- ✓ Training programs: Online seminars, webinars and presentations allow users to improve their knowledge. It is inevitable that the proportional application of all the mentioned aspects will lead to the further development of the work of libraries and will create the basis for the spread of knowledge in our society without any obstacles.

References:

1. Rahmatullaev, M., Ganieva, B., & Khabibullaev, A. (2017). Library and Information Science Education in Uzbekistan. *Slavic & East European Information Resources*, 18(1–2), 41–48. <https://doi.org/10.1080/15228886.2017.1322381>
2. Ганиева Б. И., Усманова Н. Р. МЕДИА ОБРАЗОВАНИЕ В КОНТЕКСТЕ ПОДГОТОВКИ БИБЛИОТЕЧНЫХ СПЕЦИАЛИСТОВ // Экономика и социум.

2024. №5-2 (120). URL: <https://cyberleninka.ru/article/n/media-obrazovanie-v-kontekste-podgotovki-bibliotechnyh-spetsialistov> (дата обращения: 13.11.2024).
3. GANIYEVA B. AXBOROT KUTUBXONA KATALOGI VA FONDI // O 'quv qo'lanma, Toshkent. – 2017. //namdu.uz/media/Books/pdf/2024/06/03/NamDU-ARM-3139-Axborot-kutubxona_katalogi_va_fondi.pdf
4. Онлайн-сервис современных библиотек / Методическое пособие.- 2021.-с. 18
5. Савельев В. Виртуальная выставка и технологии ее создания// «Образование. Карьера. Общество» № 3 (32), 2011 г.
6. Ганиева Б. И., Талипова Д. С. РАҚАМЛИ КУТУБХОНАЛАРНИНГ РИВОЖЛАНИШИ ВА УНИНГ ОЛИЙ ТАЪЛИМ МУАССАСАЛАРИ РЕЙТИНГИНИ ОШИРИШГА ТАЪСИРИ // Экономика и социум. 2022. №10-1 (101). URL: <https://cyberleninka.ru/article/n/ra-amli-kutubhonalarning-rivozhlanishi-va-uning-oliy-talim-muassasalari-reytingini-oshirishga-tasiri> (дата обращения: 13.11.2024).