

THE ROLE OF IT TECHNOLOGIES IN OUR LIFE AND THE IMPORTANCE OF TERMS IN USE

Khayrieva Madina

Teacher, the Department of Translation theory and practice,
Samarkand State Institute of Foreign Languages

Ungalova Dilnoza

Master degree student of Samarkand State Institute of Foreign Languages

Abstract — It is difficult to imagine the future of today's era without IT technologies, and for this reason, the study of this field remains the demand of the time. It is not for nothing that our president creates many conditions for training young people in this field and training qualified specialists. As the field of IT develops, studying related terms, studying the problems and tasks of translation from English, and developing terminological dictionaries creates a number of tasks for our linguists. We will talk widely about them in this article

Annotatsiya — Bugungi davr kelajagini IT texnologiyalarisiz tasavvur etish qiyin, shu sababdan ham ushbu sohani o’rganish davr talabi bo’lib qolmoqda. Yurtboshimiz tomonidan ham bu sohani yoshlarga o’rgatish va yetuk mutaxassislar tayyorlash bo’yicha ko’plab shart- sharoitlar yaratayotgani bejizga emas. IT sohasi rivojlanar ekan, unga oid atamalarni ham o’rganish, ingliz tilidan tarjima qilishdagi muammo va vazifalarni o’rganish, atamashunoslik lug’atlarini ishlab chiqish lingvist olimlarimizga ham bir qator vazifalarni keltirib chiqarmoqda. Ushbu maqolada shular xususida so’z yuritamiz.

Keywords — IT, globalization, The Machine Tool, Algorithm, Eugen Wüster, cybersecurity.

1. INTRODUCTION

It is not for nothing that the 21st century is called the age of information technologies. In our time, as the process of globalization is becoming more and more rooted, the demand and supply of computer technologies is developing at the same high level. The role of IT technologies in our lives knows no bounds and continues to develop rapidly. 10 years ago, only a few people could understand the word “IT”, and only specialists in that field, nowadays it is difficult to meet a person who does not understand this term. The real reason for this is that this field has already become an integral part of our lives and it is doing its work not only in the computer world, but also in the fields of finance, economics and education. For example, the introduction of artificial intelligence technology helps to detect cases of tax evasion, prevent fraud, analyze data and automate processes and increase transparency, while big data - Big data it provides an opportunity to store and process a large amount of data received by the tax authorities, to better predict the receipts and to improve the document exchange between the payers and the tax authorities. IT terms are the special language spoken and understood by the representatives of this field, which helps them to communicate comfortably, learn new things and teach.

2. MAIN PART

Terminology as a discipline began in the 1930’s with Eugen Wüster, the author of The Machine Tool, an Interlingual Dictionary of Basic Concepts³, a systematically organized French and English dictionary of standardized terms (with a German supplement) intended as a model for future technical dictionaries. This multi volume work inspired the General Terminology Theory, and set out the initial set of principles for the compilation and description of terminological data with a view to the standardization of scientific language. The General Terminology Theory was later developed in Vienna by Wüster’s successors, who interpreted his ideas and carried on his work. [16, 5] Nowadays terminologies of IT technologies have developed not only globally, but also in Uzbekistan It opened many doors to great success. For example, a dictionary of IT terms in the Uzbek language has been created. The book presentation was held by the Ministry of Digital Technologies and the Fund for the Development of the Uzbek Language under the Cabinet of Ministers.

Today, when information and communication technologies are rapidly entering our lives, it is possible to buy and sell not only products, but also services through ICT. In our country, favorable conditions are being created for the introduction of ICT in all spheres of society and the use of modern technologies, to fully satisfy the growing demand for information of citizens, to enter the world information society, and to expand the use of world information resources. President's speech "Conditions for rapid introduction of artificial intelligence technologies according to the decision on measures to create information from March 1 of 2023 year digital under the Ministry of Development of Technologies and Communications establishment of a scientific-research

institute for the development of technologies and artificial intelligence Scientific aimed at comprehensive implementation of the "Digital Uzbekistan - 2030" strategy organization of research and economic sectors, social sphere and public administration introduction of artificial intelligence technologies in the system; fundamental and practical in this direction will be of great importance in conducting scientific research.[8, 4]

Reason and Discussion. We mentioned above a number of reasons for the improvement of the IT field today and the development of terminology related to this field. First of all, IT facilitates instant communication globally through e-mail, social media, messaging apps. This connectivity fosters collaboration and knowledge sharing. The internet powered by IT provides access to vast amounts of information on virtually any topic which revolutionized education, research and decision-making. IT plays a pivotal role in driving economic growth by fostering entrepreneurship, enabling e-commerce, creating job opportunities in the technology sector and its associated industries. IT empowers individuals and communities by providing platforms for activism, social networking, civic engagement, and humanitarian efforts. It has the potential to address social challenges such as poverty, inequality, and environmental sustainability through innovative solutions and collective action.

The demand for learning terms in the field of IT is also increasing day by day, we can cite several reasons and reasons for this. Standardized IT terminologies ensure clear communication among professionals within the field, because it facilitates effective collaboration, problem-solving and knowledge-sharing process. They provide a common language for learning and training purposes. When encountering technical challenges or issues, familiarity with relevant IT terminologies can expedite problem-solving issues. It enables professionals to accurately identify, diagnose and address issues, leveraging their understanding of underlying principles and technologies. IT terminology evolves alongside technological advancements and innovations. Staying updated on new terms and concepts allows professionals to adopt to emerging trends, technologies and methodologies, ensuring continued relevance and effectiveness in their respective roles. In an increasingly interconnected world, IT professionals often collaborate on projects with colleagues from diverse backgrounds and regions. Standardized IT terminologies facilitate seamless communication and collaboration across borders, cultures, and languages.

3. CONCLUSION

There are some examples of IT terms, Algorithm- A set of rules followed by a computer to perform a task or solve a problem, Artificial intelligence – the simulation of human intelligence processes by machines, particularly computer systems, Cybersecurity- the practice of protecting computer systems, networks, and data from digital attacks, theft, and damage. It includes measures such as firewalls, encryption, antivirus software, and security protocols.

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